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15. Cleanroom

Reusable garments/Overalls, coats, jackets, trousers

Cleanroom Classifications

ISO Classification Number	0.1 μm	0.2 μm	0.3 μm	0.5 μm	1.0 µm	5.0 µm	SI	English Former FED-STD-209E
ISO Class 1	10	2						
ISO Class 2	100	24	10	4	8			
ISO Class 3	1,000	237	102	35	83		M 1.5	1
ISO Class 4	10,000	2,370	1,020	352	832	29	M 2.5	10
ISO Class 5	100,000	23,700	10,200	3,520	8,320	293	M 3.5	100
ISO Class 6	1,000,000	237,000	102,000	35,200	83,200	2,930	M 4.5	1,000
ISO Class 7				352,000	832,000	29,300	M 5.5	10,000
ISO Class 8				3,520,000	8,320,000	293,000	M 6.5	100,000
ISO Class 9				35,200,000	83,200,000	2,930,000		





Overall for clean room ASPURE, lateral zip, polyester

The overall is available in four different colour versions. Falling of hair, dust and other particles is prevented by double sleeves. In the area of the sleeves, the waist and the lower hem rubber bands are incorporated.

AS ONE

- Oblique lateral zip
- Anti-static protection
- With conductive yarn
- Suitable for clean room class ISO 5
- Surface resistance: $10^{\rm 6}$ $10^{\rm 8}\Omega$

For cleanroom use this garment has to be washed according to required cleanroom class.

Size	Colour	PK	Cat. No.
XS	white	1	4.659 040
S	white	1	4.659 041
M	white	1	4.659 042
L	white	1	4.659 043
XL	white	1	4.659 044
XS	blue	1	4.659 045
S	blue	1	4.659 046
M	blue	1	4.659 047
L	blue	1	4.659 048
XL	blue	1	4.659 049
ΛL	blue	1	4.03





Overall for cleanroom, front zip, polyester

The polyester overall is available in two different colour versions. In the area of the sleeves and the backward waist rubber bands are incorporated.

AS ONE

- Vertical front zip
- With conductive yarn
- Suitable for cleanroom class ISO 5
- Surface resistance: 10^{5} $10^{9}\Omega$

For cleanroom use this garment has to be washed according to required cleanroom class.

Size	Colour	PK	Cat. No.
XS	white	1	4.659 050
S	white	1	4.659 051
M	white	1	4.659 052
L	white	1	4.659 053
XL	white	1	4.659 054
XS	blue	1	4.659 055
S	blue	1	4.659 056
M	blue	1	4.659 057
L	blue	1	4.659 058
XL	blue	1	4.659 059

Reusable garments/Overalls, coats-Surgical masks, hoods, sleeves

AS ONE

Laboratory coat ASPURE, for cleanroom, Polyester, with zip

- Available in two different colour versions
- With incorporated rubber bands at the cuffs
- Anti-static protection
- With conductive yarn
- Surface resistance: 10^6 $10^8\Omega$



Size	Colour	PK	Cat. No.
XS	white	1	4.663 097
S	white	1	4.663 098
M	white	1	4.663 099
L	white	1	4.663 100
XL	white	1	4.663 101
XS	blue	1	4.663 102
S	blue	1	4.663 103
M	blue	1	4.663 104
L	blue	1	4.663 105
XL	blue	1	4.663 106

2 Hood for cleanroom, polyester

Hood made of 100 % polyester

- Available with and without brim
- Washable
- With conductive yarn
- Suitable for cleanroomclass ISO 5
- Surface resistance: $10^{\rm 6}$ $10^{\rm 8}\Omega$

For cleanroom use this garment has to be washed according to required cleanroom class.



Description	Size	Colour	PK	Cat. No.
Without brim	S/M	white	1	4.659 060
Without brim	L/XL	white	1	4.659 061
Without brim	S/M	blue	1	4.659 062
Without brim	L/XL	blue	1	4.659 063
With brim	S/M	green	1	4.663 048
With brim	L / XL	green	1	4.663 049
With brim	S/M	pink	1	4.663 050
With brim	L / XL	pink	1	4.663 051

3 Hood and mask for cleanroom

Hood and fitting mask for cleanroom use

- Fixing of mask with Velcro closure
- Anti-static protection
- With conductive yarn
- Universal size
- Suitable for cleanroom class ISO 5

For cleanroom use this garment has to be washed according to required cleanroom class.



Description	Colour	PK	Cat. No.
Hood	white	1	4.659 064
Hood	blue	1	4.659 065
Mask	white	1	4.659 066
Mask	blue	1	4.659 067

Reusable garments/Accessories-Disposable garments/Overalls, coats

Clean Room Bags, PVC

This cleanroom bag is made of transparent PVC allowing an easy view into the bag. Pockets for smaller items and holder for pens. Strap made of $100\,\%$ polyester.

AS ONE

Description	Dimensions	PK Cat. No.
	mm	
Shoulder bag	400 x 300 x 90	1 4.659 069 1
Belt bag	250 x 160 x 60	1 4.663 612 2





Clean Room Bag, polyester

The clean room bag type A1584 can be used to store small items and S1717 is with handle and can be used to store shoes and overalls for cleanrooms.

- Anti-static protection
- Surface resistance: $10^{\rm 6}$ $10^{\rm 8}\Omega$

AS ONE

Туре	Dimensions	Description	PK Cat. No.	
	mm			
A1584	220 x 310 x 55		1 4.663 61	L3 3
S1717	300 x 360 x 55	with handle	1 4.663 61	14 4





5

Protection Coverall Kimtech™ A8

Kimberly-Clark



The non-sterile A8 cleanroom coveralls are made from ultra-light and breathable SMS material. The unhooded design has a high neck collar for added protection, and the coveralls are suitable for ISO 7 and 8 (Grade C and D) cleanrooms.

- PPE Cat III according to Regulation (EU) 2016/425
- Type 6 limited chemical splash protection
- Type 5 particle protection
- EN1149-5:2008 antistatic clothing

Size	PK	Cat. No.
C	25	C 272 177
S M		6.272 177 6.272 178
L		6.272 179
XL	25	6.272 180
2XL	25	6.272 181
3XL	25	6.272 182

Disposable garments/Overalls, coats

Nitritex Ltd



Disposable Coverall BioClean™, with collar/hood, sterile

- Low linting, anti-static CleanTough™ Fabric
- Sterilized by Gamma irradiation
- Compatible to ISO-Class 4
- Anti-static properties
- Manufactured in a holding facility
- Zip front with flap cover
- Elasticated back, cuffs and ankles
- Available in sizes ranging from S through 4XL
- ASTM F739-12 Tested
- HELMKE DRUM Tested
- Low-particulate
- Sterility Assurance Level 10-6

Triple packaged, 1 piece per sealed inner PE bag, 1 inner bag per sealed outer PE bag, 20 outer bags per lined carton (20 pieces)/20 bags for S-XXL, 15 bags up to 3XL

Material: Clean-Tough Mass: 60 g/m²

Size	Description	Sterile	PK	Cat. No.
S	with collar	-	20	4.661 457
M	with collar	-	20	4.661 458
L	with collar	-	20	4.661 459
XL	with collar	-	20	4.661 460
XXL	with collar	-	20	4.661 461
XXXL	with collar	-	15	4.661 462
XXXXL	with collar	-	15	4.661 463
S	with hood	-	20	4.661 464
M	with hood	-	20	4.661 465
L	with hood	-	20	4.661 466
XL	with hood	-	20	4.661 467
XXL	with hood	-	20	4.661 468
XXXL	with hood	-	15	4.661 469
XXXXL	with hood	-	15	4.661 470
S	with collar	+	20	4.661 478
M	with collar	+	20	4.661 479
L	with collar	+	20	4.661 480
XL	with collar	+	20	4.661 481
XXL	with collar	+	20	4.661 482
XXXL	with collar	+	15	4.661 483
XXXXL	with collar	+	15	4.661 484
S	with hood	+	20	4.661 485
M	with hood	+	20	4.661 486
L	with hood	+	20	4.661 487
XL	with hood	+	20	4.661 488
XXL	with hood	+	20	4.661 489
XXXL	with hood	+	15	4.661 490
XXXXL	with hood	+	15	4.661 491





Disposable Chemical Protection Coverall uvex 4B

Material: polyethylene-laminate

uvex

- colour white/orange
- excellent wearer comfort due to the breathable, light and flexible material
- self-adhesive zipper flap and taped seams ensure optimum protection against penetration by liquid aerosols and solid particles
- the hood is easily compatible with filtering face masks
- middle finger loops prevent sleeves from sliding up
- silicone free
- suitable for cleanroom environment (Class 7, ISO 14644-1)
- chemical protection: personal protective equipment category 3, EN 14605(Type 4), EN ISO 13982-1(Type 5), EN 13034(Type 6), EN 1149-5, EN 14126

Size	PK	Cat. No.
S	5	9.414 100
M	5	9.414 101
L	5	9.414 102
XL	5	9.414 103
XXL	5	9.414 104
XXXL	5	9.414 105



DuPont de Nemours

Disposable garments/Overalls, coats



Disposable coverall Tyvek® IsoClean®, with collar, sterile

DuPont™ Tyvek® IsoClean® unhooded coverall with bound neck, model IC 183 B WH DS. Available in sizes S to 3XL. Clean-processed and gamma-sterilized. Bound internal seams. Elasticated waist at back for good fit. Tyvek® covered elasticated thumb loops. Tunnelled elastication at wrists and ankles. Front zipper closure. Storm flap.

- This garment is not CE certified as chemical protective clothing
- Certified according to Regulation (EU) 2016/425
- Clean-processed and sterilised by gamma-irradiation to SAL of 10-6 (ISO 11137-1)
- Full traceability on all sterilized apparel with certificates of sterility available
- Suitable for use in GMP class A/B (ISO Class 5) clean rooms
- Chemical protective clothing, Category III, Type 5-B and 6-B
- EN 14126 (barrier to infective agents), EN 1073-2 (protection against radioactive contamination)

Size	PK	Cat. No.
S	1	6.312 080
M	1	6.312 081
L	1	6.312 082
XL	1	6.312 083
XXL	1	6.312 084
XXXL	1	6.312 085



Disposable Laboratory Coat BioClean-D™

- PPE Category 3 Type PB[6]
- Press stud fastening
- Open cuff style
- Three pockets
- Back split
- Processed in an NEBB certified ISO Class 4 environment
- Antistatic, low-linting BioClean-D CleanTough™

Triple packaged, 1 piece per sealed inner PE bag, 1 inner bag per sealed outer PE bag, 30 outer bags per lined carton (30 pieces)

Size	Colour	PK	Cat. No.
S	white	30	4.661 471
M	white	30	4.661 472
L	white	30	4.661 473
XL	white	30	4.661 474
XXL	white	30	4.661 475



B Laboratory coat Kimtech™ A7 P+, PP

Kimberly-Clark

Nitritex Ltd



- Certified PPE Cat III acc. to directive 89/686/EEC
- Type 6 limited chemical splash protection
- Micro-organism protection tested
- EN1149-1:1995 Antistatic clothing
- High performance chemical resistant fabric
- Low lint fabric, Helmke Drum Category II
- 99% particle and bacterial filtration efficiency
- Individually packed, 15 p. in an outer package for ISO 7 Grade C areas
- Silicon-Free
- Abrasion-resistant film-coated polypropylene
- Mandarin collar
- Elastic cuff, thumb-loops and extra-length arms
- High strength triple stitched seams

Size	PK	Cat. No.
S	15	4.653 906
M	15	4.653 907
L	15	4.653 908
XL	15	4.653 909
XXL	15	4.653 910

Disposable garments/Surgical masks, hoods, sleeves

Disposable Masks ASPURE, without nose clip

Material: PP/PE and loops made of polyester.

- 2-ply

- Packing: 40 x 50 pieces

Туре	Dimensions (D x W) mm	PK	Cat. No.
Disposable masks	180 x 90	2000	4.663 608



Disposable masks ASPURE for Cleanroom, PP

Elastic straps are made of low particle material (Urethane), nose clip made of polyethylene. High collection efficiency because of its 3 layer structure.

AS ONE

- Packed in cleanroom
- Suitable for cleanroom class ISO 5
- Packing: 40 x 50 pieces

Туре	Dimensions (D x W) mm	PK	Cat. No.
Disposable mask	180 x 95	2000	4.659 068



3 Disposable Masks ASPURE, for Cleanroom, sterile

Gamma sterilized disposable masks with ear loops.

AS ONE

- 3-plv
- Individually packed in cleanroom
- Suitable for cleanroom class ISO 5
- Packing: 20 x 50 pieces

Туре	Dimensions (D x W)	PK	Cat. No.
	mm		
Disposable masks	180 x 95	1000	4.663 609



4 Disposable mask for Cleanroom Kimtech™ M3, sterile

White sterile pleated style mask, with 18cm ties; silicone and latex free. Great comfort by flexible fit features and BICOSOF*inner fabric.

Kimberly-Clark

Kimtech™ M3 Sterile Masks offer advanced levels of process protection and comfort, help to reduce the possible risk of contamination and are suitable for use in EU GMP ISO 5 class A environments. Validated to sterility assurance level 10^-6 and supported with technical information for compliance.

Ideal for use in sterile pharmaceutical manufacturing.

Manufactured in FDA compliant facility.

Individually packed, 20 packs per sealed wallet and 10 wallets per double bag, with case liner for added protection.



Description	Cleanroom Class	PK	Cat. No.
Mask, white with ties	ISO 5	200	4.652 644
Mask, white with ear loops	ISO 5	200	6.253 164



Nitritex Ltd

Nitritex Ltd

Disposable garments/Surgical masks, hoods, sleeves-Overshoes, overboots, socks



Hood Tyvek® IsoClean®, sterile

DuPont™ Tyvek® IsoClean® hood with ties, model IC 668 B WH CS. Sterile hood
available in white and in one size. Full face opening with loops and ties. Tyvek® garments
are composed of flash spun high density polyethylene, providing an ideal balance of protection, durability and comfort.
Tyvek® is permeable to both air and water vapour, yet repels water-based liquids and aerosols. It offers an excellent barrier against fine particles and fibres (down to 1 micron in size) and is ultra-low-linting. Silicon non-added.
Garments and accessories made of Tyvek® IsoClean® are used in the biotech, pharmaceutical, medical device manufacturing and electronics industries, as well as in other critical or controlled environments.

- This accessory is not CE certified as chemical protective clothing
- Clean laundered and gamma-sterilised
- Suitable for use in cleanroom class ISO 5 and higher
- Sterility assurance level (SAL) of 10-6
- Bound seams: tightly sewn seam is covered with garment fabric to reinforce seam protection and reduce potential for liquid and particle penetration
- Full traceability on all sterilized apparel with certificates of sterility available
- Box of 100 p., single packed

Colour	PK	Cat. No.
white	100	9.390 071



Disposable Sleeve Guard BIOCLEAN-D™, sterile/non sterile

Offering comfort, protection and quick and simple donning, the single use BioClean-D™ Disposable Sleeve Covers are constructed from antistatic lightweight low-linting CleanTough material,

featuring elasticated openings for a firm fit.

- PPE Cat 3 Type PB [6]
- ISO Class 4
- Bound seams with single needle stitching
- Lightweight low-linting CleanTough material

Sterile: 1 pair per inner bag, 15 inner bags per outer bag, 6 outer bags (90 pairs) per lined carton Non-Sterile: 30 pieces per inner bag, 1 inner bag per outer bag, 6 outer bags (180 pieces) per lined carton

Length mm	Sterile	PK	Cat. No.
500	-	180	4.661 477
500	+	90	4.661 493



4.661 494

Disposable Overshoes BioClean, PP

- Slip-resistant sole

- Elastomer coating over non-woven spunbonded polypropylene

- ISO Class 5 Compatible
- Thickness: 0.14 mm
- Type BESD ESD performance
- 100 pieces per sealed inner PE bag/4 outer bags per lined carton (400 pieces)

Туре	Size mm	Colour	PK Cat. No.
BESD	400	white	400 4.661 494
NSO	400	white	400 4.661 495
NSO	457	white	400 4.661 496

Mensch

Overshoes for dispenser HYGOMAT

6257285:

- Polypropylene nonwoven, CPE coated, white
- Waterproof sole
- Very slip resistant
- Perfect for smooth surface

6257286:

- PP overshoe with CPE sole, blue
- Polypropylene nonwoven
- At the top nonwoven, at the bottom strong waterproof CPE sole
- Very tearproof and slip resistant

6257287

- CPE (Cast Polyethylene), blue
- Strong quality, approx. 60 micron
- Light protection against liquids

6257288:

- Polypropylene nonwoven, blue
- At the bottom structure made of CPE
- Permeable to air and light slip resistant
- For dry areas







Overshoe dispenser HYGOMAT COMFORT/CLEANROOM

- no electrical power needed
- easy to use, no need for bending over
- easy and quick handling
- with handrail for extra comfort
- capacity: two packs of overshoes
- with window for easy control of rest capacity
- refilled with overshoes within seconds
- weight: 21 kg





Description	PK	Cat. No.
Overshoes dispenser HYGOMAT COMFORT, 740 x 300 x 730 mm	1	6.257 283
Overshoes dispenser HYGOMAT CLEANROOM, stainless steel, 740 x 300 x 730 mm	1	6.269 779

Disposable Overboot Tyvek® IsoClean®

DuPont™ Tyvek® IsoClean® overboot, model IC 458 B WH 00. Overboot available in white and in sizes M and L. Fixation ties. Tunnelled elastics at ankles and gripper slip-retardant full sole. Tyvek® garments and accessories are composed of flash spun high density polyethylene, providing an ideal balance of protection, durability and comfort. Tyvek® is permeable to both air and water vapour, yet repels water-based liquids and aerosols. It offers an excellent barrier against fine particles and fibres (down to 1 micron in size) and is ultra-low-linting. Silicon non-added. Garments and accessories made of Tyvek® IsoClean® are used in the biotech, pharmaceutical, medical device manufacturing, electronics industries and as well in industrial applications.

- This accessory is not CE certified as chemical protective clothing
- Not clean laundered, not sterilised
- Suitable for use in cleanroom class ISO 6 and higher
- Bound seams: tightly sewn seam is covered with garment fabric to reinforce seam protection and reduce potential for liquid and particle penetration
- Box of 100 p.

Description	Colour	PK	Cat. No.
M	white	100	9.390 076
L	white	100	9.390 077



AS ONE

uvex

uvex

Disposable garments/Overshoes, overboots, socks-Eye protection/Cleanroom goggles



Disposable Socks ASPURE, Polyester

- Suitable for cleanroom

- One size

- Total length: 400 mm

- Packing: 100 pairs

Туре	PK	Cat. No.
Disposable socks	100	4.663 598



LLG-Safety Eyeshields basic



- CE approved to EN166 and EN170
- Perfect for visitors as well as over goggles for spectacles wearers
- Integrated side lens with venting, 180° visual field
- Frame made of tested hypo-allergenic material
- 100% UV protection (up to 380 nm)
- Weight: 43g

Colour	Lens	PK	Cat. No.
Clear	Clear, uncoated, 2-1.2 U 1 F CE	10	9.006 002



Safety Eyeshields uvex super fit CR 9178



- Professional protection of products and humans

- First autoclavable protective spectacle with anti-fog effect
- Sterile eye protection in every situation
- Autoclavable at least 10 times, 121°C, 20 minutes
- Innovative design for maximum functionality and wearer comfort
- Non-allergenic material which is free of harmful substances
- Ultra-thin wraparound lens
- Lightest safety spectacle in the world
- EN 166
- UV 400
- Weight 21 g

Coating uvex supravision clean.

Colour	Lens	Coating	PK	Cat. No.
white/light blue	UV 400, 2C-1,2 W 1 FTKN DIN CE	uvex supravision CR	1	7.982 028



Overgoggles uvex super f OTG CR 9169



- Professional protection of products and humans
- First autoclavable protective overspec with anti-fog effect
- Sterile eye protection in every situation
- Autoclavable at least 10 times, 121 °C, 20 minutes
- Innovative design for maximum functionality and wearer comfort
- Overspecs with unrestricted lateral vision
- Also suitable for use over prescription spectacles
- Non-allergenic material which is free of harmful substances
- Ultra-modern lens technology
- Extremely flexible soft ear pieces
- EN 166
- UV 400
- Weight 37 g

Coating uvex supravision clean.

Colour	Lens	Coating	PK	Cat. No.
white/light blue	clear, UV 400, 2C-1,2	uvex supravision clean	1	6.268 419



Eye protection/Cleanroom goggles

Panoramic Eyeshield uvex ultrasonic CR 9302



- Professional protection of products and humans
- First autoclavable protective goggle with anti-fog effect
- Sterile eye protection in every situation
- Autoclavable at least 10 times, 121 °C, 20 minutes
- Innovative design, maximum functionality, wearer comfort
- Ultra-light goggle with panorama lens, duo component technology and adjustable silicone headband
- Indirect ventilation ensures a pleasant and comfortable interior environment
- Easy lens replacement
- Flexible soft components
- Wide panoramic field of vision
- Non-allergenic material which is free of harmful substances
- EN 166
- UV 400
- Weight 98 g

Coating uvex supravision clean.



Colour	Lens	Coating	PK	Cat. No.
white	clear /UV 2-1,2	uvex supravision clean	1	6.262 943

Panoramic Eyeshield 619



Panoramic Eyeshield designed for use in rooms with controlled contaminations (sterile and clean rooms) or in aseptic conditions. Its soft structure supports multiple cycles of steam, gamma or beta sterilization without perceptible changes.

- Sterilizable through autoclave with steam
- New elastic strap in antistatic silicone
- Innovative guick elastic band adjustment system
- Available with direct and indirect ventilation



UNIVET

Colour	Description	Lens	PK	Cat. No.
blue	elastic headband, directly ventilation	clear / 2C-1.2 U 1 B CE	1	6.286 799
blue	elastic headband, indirectly ventilation	clear / 2C-1.2 U 1 B CE	1	6.286 800

We can Supply this manufacturer's whole product range!





Gloves and fingercots/Nitrile gloves

Cleanroom Gloves, BioClean BIOTAC, Nitrile









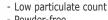


MAPA









- Powder-free
- Latex-free
- AQL 1.5
- Finger-textured
- Ambidextrous
- Excellent ESD properties
- Easy double-donning
- Chemical resistant
- Compatibility ISO Class 5
- Colour: white
- Carton with 10 bags with 100 pieces

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 421, Suitable for food handling.

100 pieces per sealed plastic inner bag, 1 inner bag per sealed outer bag, 10 outer bags per inner carton bag

Size	Length	PK	Cat. No.
	mm		
XS	300	1000	4.661 373
S	300	1000	4.661 374
M	300	1000	4.661 375
L	300	1000	4.661 376
XL	300	1000	4.661 377

Cleanroom Gloves AdvanTech529, nitrile

FN ISO 374-1





Reinforced mechanical resistance for short-term operations. Manufacturing process guarantees a very low level of contaminants: rates of particles, powder-free, non-volatile residue, extractables; compatible with ISO 5 class (Class M3.5 for International system). 100% nitrile formula enables anti-static properties. Protection against accidental chemical splashes. Recommended for people who are sensitive to the proteins in natural latex. Thickness: 0.1 mm. Packaging: 100 gloves/bag

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 421

Size	Length	PK	Cat. No.
	mm		
6	300	100	6.270 501
7	300	100	6.270 502
8	300	100	6.270 503
9	300	100	6.270 504
10	300	100	6.270 505

Ansell

Disposable Gloves Touch N Tuff®, Nitrile

EN ISO 374-1

Type B

EN ISO 374-5















Disposable Nitrile Glove for Controlled Environments

- High Puncture Resistance
- Enhanced Levels of Safety & Comfort
- Type I Allergy Protection
- Clean
- Suitable for cleanroom environment ISO Class 5
- Acid resistance, Chemical handling
- AQL 1.5 (EN374)
- Cat. III Low Chemical resistant
- 100% nitrile, powdered, teal green
- Box with 100 gloves

Packaging: 50 gloves packed in a vacuum-sealed in an unprinted polybag, two bags of 50 gloves per master polybag.

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 421, EN 420 Suitable for food handling.



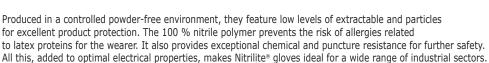
Size	Length	PK	Cat. No.
	mm		
S	300	100	7.940 295
M	300	100	7.940 296
L	300	100	7.940 297

Cleanroom Gloves Nitrilite® Silky, nitrile

EN ISO 374-1 EN ISO 374-5 Type B







- AQL of 1.5

- Cat. III

Packaging: 50 gloves vacuumsealed in an unprinted polybag, two bags of 50 gloves per master polybag. All packaging and labeling is printed with IPA-resistant ink. The gloves are doublebagged for superior contamination control. Packed in a ISO Class 5 cleanroom.

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016



Size	Length	PK	Cat. No.
	mm		
S	300	100	6.253 290
M	300	100	6.253 291
L	300	100	6.253 292
XL	300	100	6.253 293
XXL	300	100	6.262 160

2 Cleanroom Gloves, Kimtech™ G3, nitrile

EN ISO 374-1 Type C EN ISO 374-5







Nitritex Ltd



 $\label{lem:composition} \mbox{Kimtech} \mbox{$^{\top}$M} \mbox{ G3 Cleanroom Gloves offer advanced levels of process protection and comfort in ISO 3 or higher cleanrooms.}$

- Ambidextrous gloves
- Beaded cuff
- Textured fingertips
- Powder-free
- Silicone free
- AQL 1.5
- Cat III
- Double lined bags for added protection 10 x 100 pieces.

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016.



Size	Length	PK	Cat. No.
	mm		
XS	300	1000	6.264 543
S	300	1000	7.625 756
M	300	1000	7.625 757
1	300	1000	6.242 757

Cleanroom Gloves, BioClean NERVA, Nitrile

EN ISO 374-1 Type C

EN ISO 374-5









- Low particulate count
- Powder-free
- Latex-free
- AQL 0.65
- Textured
- Ambidextrous
- Excellent ESD properties
- Easy double-donning
- Chemical resistant
- Compatibility ISO Class 4
- Colour: white
- Carton with 10 bags with 100 pieces

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 421, Suitable for food handling.

Packaging

100 pieces per sealed plastic inner bag, 1 inner bag per sealed outer bag, 10 outer bags per inner carton bag

Size	Length	PK	Cat. No.
	mm		
S	400	1000	4.661 387
M	400	1000	4.661 388
L	400	1000	4.661 389
XL	400	1000	4.661 390



Nitritex Ltd

Cleanroom Gloves, BioClean EXCELL™, Nitrile, sterile

EN ISO 374-1 Type C











- Low particulate count
- Powder-free
- Latex-free
- AQL 1.5 - Textured
- Hand specific
- Excellent ESD properties
- Chemical resistant
- Compatibility ISO Class 4
- Colour: white
- Carton with 20 bags with 10 pairs

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 421, Suitable for food handling.

Packaging: 1 pair per plastic bag, 1 plastic bag per particle-free EasyTear™ bag, 10 pairs per sealed outer bag, 20 outer bags per inner carton bag

Size	Length	PK	Cat. No.
	mm		
6	300	200	4.661 412
6,5	300	200	4.661 413
7	300	200	4.661 414
7,5	300	200	4.661 415
8	300	200	4.661 416
8,5	300	200	4.661 417
9	300	200	4.661 418
10	300	200	4.661 419

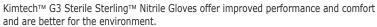


Cleanroom Gloves, Kimtech™ G3 Sterile Sterling™, nitrile, sterile









- Recommended for ISO Class 5 or higher cleanroom environments
- Meets AQL of 1.5 or better
- Contain no natural rubber latex reducing the potential for TYPE I glove-associated reactions
- Powder-free
- Static dissipative in use
- Safe handling of objects due to improved and consistent grip
- Hand specific
- Walleted & pouched in polyethylene for cleanroom use
- Packaged for aseptic donning
- Cat. III
- Box of 10 x 30 pairs. Individually packed per pair

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016

Size	Length	PK	Cat. No.
	mm		
6	300	300	6.264 797
6,5	300	300	6.264 798
7	300	300	6.264 799
7,5	300	300	4.652 645
8	300	300	6.265 200
8,5	300	300	6.265 201
9	300	300	6.265 202
10	300	300	6.265 203







Kimberly-Clark

Ansell

Gloves and fingercots/Nitrile gloves

Cleanroom Gloves, Kimtech™ G3, nitrile, sterile

EN ISO 374-1

Type C EN ISO 374-5







- ISO16604 virus resistant.
- Sterile Validated to SAL 10-6
- Available as one pair of hand specific gloves
- Beaded cuff for added strength
- Fully textured palm and fingertips
- Combining enhanced grip with easy double donning
- Powder-free
- Comfortable fit, with silicone free formulation
- Individually packed in sterile wallets 10 x 20 pairs

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016.



Size	Length	PK	Cat. No.
	mm		
6	300	200	6.257 260
6,5	300	200	6.240 584
7	300	200	6.265 204
7,5	300	200	6.240 077
8	300	200	6.230 011
8,5	300	200	6.252 634
9	300	200	6.235 083
10	300	200	6.265 205

Disposable Gloves Touch N Tuff®, Nitrile, sterile

EN ISO 374-1

EN ISO 374-5

ISO 374-5 EN







EN 420





- High Puncture Resistance
- High level of comfort
- Type I Allergy Protection
- Clean
- Suitable for cleanroom environment ISO Class 5
- Acid resistance, Chemical handling
- AQL 1.5 (EN374)
- Cat. III Low Chemical resistant
- Each glove is post cleaned, single pair packed and sterilize

Packaging: one pair per poly wallet, sealed in a poly envelope; 10 pairs per sealed polybag; 5 sealed polybags per master bag; 4 master bags per case liner; 200 pairs per carton.

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 421, EN 420 Suitable for food handling.

Size	Length	PK	Cat. No.
	mm		
6,5 - 7	300	200	6.273 808
7,5 - 8	300	200	6.273 809
8,5 - 9	300	200	6.273 824
9,5 - 10	300	200	6.273 825

Cleanroom Gloves, BioClean N-PLUS™, Nitrile, sterile

EN ISO 374-1 Type C

EN ISO 374-5









Nitritex Ltd



- Elbow length protection
- Low particulate count
- Powder-free
- Latex-free
- AQL 0.65
- Textured
- Hand specific
- Excellent ESD properties
- Chemical resistant
- Compatibility ISO Class 4
- Colour: white
- Carton with 20 bags with 10 pairs

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 421, Suitable for food handling.

Packaging: 1 pair per plastic bag, 1 plastic bag per particle-free EasyTear™ bag, 10 pairs per sealed outer bag, 20 outer bags per inner carton bag

Size	Length	PK	Cat. No.
	mm		
6	400	200	4.661 436
6,5	400	200	4.661 437
7	400	200	4.661 438
7,5	400	200	4.661 439
8	400	200	4.661 440
8,5	400	200	4.661 441
9	400	200	4.661 442
10	400	200	4.661 443

Cleanroom Gloves, BioClean LEGACY™, latex

EN ISO 374-1

EN ISO 374-5









- Ambidextrous

- Powder-free
- AQL 0.65
- Textured
- Easy double-donning
- Chemical resistant
- Compatibility ISO Class 4
- Colour: natural
- Carton with 10 bags with 100 pieces

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 421, Suitable for food handling.

Packaging:

100 pieces per sealed plastic inner bag, 1 inner bag per sealed outer bag, 10 outer bags per inner carton bag

Size	Length	PK	Cat. No.
	cm		
XS	30	1000	4.661 378
S	30	1000	4.661 379
M	30	1000	4.661 380
L	30	1000	4.661 381
XL	30	1000	4.661 382

Nitritex Ltd

Ansell

Gloves and fingercots/Latex gloves

Cleanroom Gloves, BioClean LEGION™, latex











- Ambidextrous
- Powder-free
- AQL 1.5
- Textured
- Easy double-donning
- Chemical resistant
- Compatibility ISO Class 5
- Colour: natural
- Carton with 10 bags with 100 pieces

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 421, Suitable for food handling.

100 pieces per sealed plastic inner bag, 1 inner bag per sealed outer bag, 10 outer bags per inner carton bag

Size	Length	PK	Cat. No.
	mm		
S	400	1000	4.661 383
M	400	1000	4.661 384
L	400	1000	4.661 385
XL	400	1000	4.661 386

Disposable Gloves AccuTech® 91-250, latex

Type B

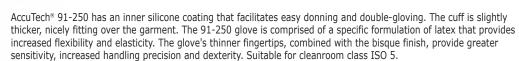
EN ISO 374-5











Color: Natural

- Powder-Free
- AQL of 1.0
- Cat. III

Packaging: The glove is packaged one pair per poly wallet, sealed in a poly envelope; 10 pairs per sealed polybag; 5 sealed polybags per master polybag; 4 master polybags per lined carton; 200 pairs per carton. All packaging is printed with cleanroom-compatiblle IPA-resistant ink. The gloves are triple-bagged for superior contamination control. The polybags have an easy-tear opening.

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 420.

Size	Length	PK	Cat. No.
	mm		
6	300	200	4.665 389
6,5	300	200	4.665 395
7	300	200	4.665 390
7,5	300	200	4.665 391
8	300	200	4.665 392
8,5	300	200	4.665 393
9	300	200	4.665 394

Cleanroom Gloves, BioClean ADVANCE™, latex, sterile

EN ISO 374-1

Type C

EN ISO 374-5



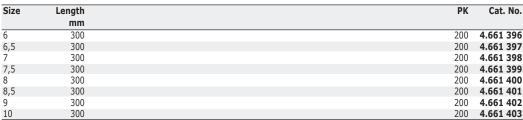




- Low particulate count
- Powder-free
- AQL 0.65
- Textured
- Hand specific
- Easy double-donning
- Chemical resistant
- Compatibility ISO Class 4
- Colour: natural
- Carton with 20 bags with 10 pairs

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 421, Suitable for food handling.

Packaging: 1 pair per plastic bag, 1 plastic bag per particle-free EasyTear™ bag, 10 pairs per sealed outer bag, 20 outer bags per inner carton bag



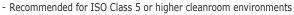
Cleanroom Gloves Kimtech™ G3, latex, sterile

EN ISO 374-1 Type C





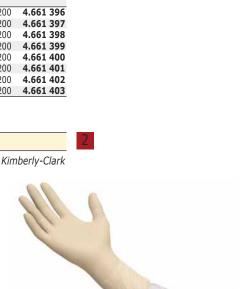
FN ISO 374-5



- Natural rubber latex for tactile sensitivity and comfort
- Beaded cuff, for added strength and ease in donning
- Textured palms and fingers
- Powder free-minimising contamination and the drying effects of powder on skin
- Hand specific
- Low protein and low endotoxin levels
- Walleted and pouched in polyethylene for cleanroom use
- Cat. III Low Chemical resistant.
- AOL 1.5
- Manufactured in accordance with Quality System ISO 9001
- Box of 10 x 20 pairs. Individually packed per pair.

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016.





Size	Length	PK	Cat. No.
	mm		
6	300	200	4.652 643
6,5	300	200	6.267 248
7	300	200	6.267 249
7,5	300	200	6.267 250
8	300	200	6.267 251
8,5	300	200	6.237 698
9	300	200	6.267 252
10	300	200	6.267 253



Nitritex Ltd

Ansell

Gloves and fingercots/Latex gloves

Cleanroom Gloves, BioClean EXTRA™, latex, sterile

Type C







- Elbow length protection

- Low particulate count
- Powder-free
- AQL 1.5
- Textured
- Ambidextrous
- Easy double-donning
- Chemical resistant
- Compatibility ISO Class 4
- Colour: natural
- Carton with 20 bags with 10 pairs

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 421, Suitable for food handling.

Packaging: 1 pair per plastic bag, 1 plastic bag per particle-free EasyTear™ bag, 10 pairs per sealed outer bag, 20 outer bags per inner carton bag

Size	Length	PK	Cat. No.
	mm		
S	400	200	4.661 420
M	400	200	4.661 421
L	400	200	4.661 422
XL	400	200	4.661 423

Disposable Gloves AccuTech® 91-2225, latex, sterile

Type B

EN ISO 374-5







AccuTech 91-225 gloves are made of a specific formulation of the latex that provides increased flexibility and elasticity. The optimised thickness of the latex, combined with the bisque finish, provides outstanding fingertip sensitivity plus increased handling precision and dexterity. This makes these gloves ideal for intricate handling operations. Suitable for cleanroom class ISO 5.

Color: Natural

- Powder-Free
- AQL of 1.0
- Cat. III

Packaging: The glove is packaged one pair per poly wallet, sealed in a poly envelope; 10 pairs per sealed polybag; 5 sealed polybags per master polybag; 4 master polybags per lined carton; 200 pairs per carton. All packaging is printed with cleanroom-compatiblle IPA-resistant ink. The gloves are triple-bagged for superior contamination control. The polybags have an easy-tear opening.

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 420

Size	Length	PK	Cat. No.
	mm		
6	300	200	4.665 384
7	300	200	4.665 383
8	300	200	4.665 386

Gloves and fingercots/Polychloroprene gloves

Nitritex Ltd

Cleanroom Gloves, BioClean FUSION™, Polychloroprene

EN ISO 374-1 Type C

EN ISO 374-5









- Powder-free
- Latex-free
- AQL 0.65
- Finger-textured
- Excellent ESD properties
- Easy double-donning
- Chemical resistant
- Compatibility ISO Class 4
- Colour: green
- Carton with 10 bags with 100 pieces

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 421, Suitable for food handling.

Packaging:

100 pieces per sealed plastic inner bag, 1 inner bag per sealed outer bag, 10 outer bags per inner carton bag

Size	Length	PK	Cat. No.
	mm		
XS	300	1000	4.661 368
S	300	1000	4.661 369
M	300	1000	4.661 370
L	300	1000	4.661 371
XL	300	1000	4.661 372

Cleanroom Gloves, BioClean FUSION™, polychloroprene, sterile

EN ISO 374-1















- Ambidextrous
- Powder-free
- Latex-free
- AQL 0.65
- Finger-textured
- Excellent ESD properties
- Easy double-donning
- Chemical resistant
- Compatibility ISO Class 4
- Colour: green
- Carton with 20 bags with 10 pairs

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 421, Suitable for food handling.

Packaging: 1 pair per plastic bag, 1 plastic bag per particle-free EasyTear™ bag, 10 pairs per sealed outer bag, 20 outer bags per inner carton bag

Size	Length	PK	Cat. No.
	mm		
5	300	200	4.661 451
6	300	200	4.661 452
7	300	200	4.661 453
8	300	200	4.661 454
9	300	200	4.661 455
10	300	200	4.661 456

Gloves and fingercots/Polychloroprene gloves

Chemical Protection Gloves DermaShield®, Polychloroprene

EN ISO 374-1







Ansell

MAPA







Made of polychloroprene, DermaShield® is free of latex, proteins and accelerators, it minimises both Type I and Type IV allergies associated with natural rubber. The beaded cuff prevents the glove from rolling down, providing increased

- . AQL 0.65 (EN374) Ideal Application Handling of cytostatics
- Suitable for cleanroom environment ISO Class 5
- Cat. III
- DermaShield® 73-711 sterile
- DermaShield® 73-721 non-sterile, for controlled environments

Packaging: The glove is packaged one pair per poly wallet, sealed in a poly envelope; 10 pairs per sealed polybag; 5 sealed polybags per master polybag; 4 master polybags per lined carton; 200 pairs per carton.

According to EN ISO 374-1:2016/Type A, EN ISO 374-5:2016, EN 421, EN 420.

Thickness: 0.175 mm Colour: green

Туре	Size	Sterile	Length	PK	Cat. No.
			mm		
73-721	6	-	310	200	4.664 500
73-721	6,5	-	310	200	4.664 501
73-721	7	-	310	200	4.664 502
73-721	7,5	-	310	200	4.664 503
73-721	8	-	310	200	4.664 504
73-721	8,5	-	310	200	4.664 505
73-721	9	-	310	200	4.664 506
73-711	6	+	310	200	4.664 507
73-711	6,5	+	310	200	4.664 508
73-711	7	+	310	200	4.664 509
73-711	7,5	+	310	200	4.664 510
73-711	8	+	310	200	4.664 484
73-711	8,5	+	310	200	4.664 485
73-711	9	+	310	200	4.664 486



Chemical Protection Gloves AdvanTech 517, Tri-Polymer

EN ISO 374-1 EN 388 Type B





A tripolymer exclusive that offers 100% comfort for optimal mechanical and chemical resistance. Excellent resistance and strong chemical protection against a great number of chemical products: exclusive AdvanTech formula made from a mix of natural latex, neoprene and nitrile. Manufacturing process guarantees a very low level of contaminants: rates of particles, non-volatile residue, extractables. Compatible with ISO 5 class (Class M3.5 for International system). Wide cuff for double-gloving.

- Cat. III

- Thickness: 0.5 mm

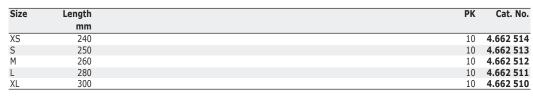
- Packed per pair

Size	Length	PK	Cat. No.
	mm		
6	360	1	6.304 079
7	360	1	6.303 886
8	360	1	6.303 887
9	360	1	6.281 467
10	360	1	6.281 468

Disposable Gloves, ASPURE, Seamless, PU

- Material: moisture permeable PU (polyurethane), back/polyester
- Ambidextrous
- Powder free
- Thickness: approx. 0.3 mm
- Clean Pack: Cleanroom clean with pure water
- Suitable for cleanroom environment ISO Class 5
- 1 bag with 10 pairs

This article is not CE certified as chemical protective glove!



PU Coated Gloves, nylon

The PU-coated nylon gloves are processed on the cuffs in a fraying preventing way.

- Very flexible
- Lint-free
- PU coated fingertips or coated palm
- Particularly handy and suitable for handling smooth and slippery objects
- Colour coding of the cuffs
- Pack of 10 pairs

Size	Description	Colour	PK	Cat. No.
XS	palm PU-coated	yellow	10	4.662 544
S	palm PU-coated	white	10	4.659 030
M	palm PU-coated	green	10	4.659 029
L	palm PU-coated	grey	10	4.659 028
XL	palm PU-coated	brown	10	4.659 027
XS	fingertips PU-coated	yellow	10	4.662 543
S	fingertips PU-coated	white	10	4.659 034
M	fingertips PU-coated	green	10	4.659 033
L	fingertips PU-coated	grey	10	4.659 032
XL	fingertips PU-coated	brown	10	4.659 031

Gloves ASPURE, PU-coated, nylon

- Exceptionally durable anti-slip PU (polyurethane) coatinghe edge from fraying
- PU coated fingertips or coated palm
- Stretchy and fit perfectly
- Colour coding of the cuffs
- Bag with 10 pairs

Size	Description	Colour	PK	Cat. No.
XS	palm PU-coated	orange	10	4.662 554
S	palm PU-coated	white	10	4.662 553
M	palm PU-coated	green	10	4.662 552
L	palm PU-coated	grey	10	4.662 551
XL	palm PU-coated	yellow	10	4.662 550

4 Gloves ASPURE, PU-coated

- Exceptionally durable anti-slip PU (polyurethane) coating
- Overlock type
- The polyester material is exceptionally breathable
- PU coated fingertips or coated palm
- Stretchy and fit perfectly
- Colour coding of the cuffs
- Bag with 30 x 10 pairs

Size	Description	Colour	PK	Cat. No.
XS	fingertips PU-coated	yellow	300	4.662 559
S	fingertips PU-coated	white	300	4.662 558
M	fingertips PU-coated	green	300	4.662 557
L	fingertips PU-coated	grey	300	4.662 556
XL	fingertips PU-coated	brown	300	4.662 555
XS	palm PU-coated	yellow	300	4.662 564
S	palm PU-coated	white	300	4.662 563
M	palm PU-coated	green	300	4.662 562
L	palm PU-coated	grey	300	4.662 561
XL	palm PU-coated	brown	300	4.662 560











AS ONE

AS ONE

AS ONE

Gloves and fingercots/Undergloves-Finger cots

Undergloves white, polyester or nylon

- The hem on the wrist is overlocked to prevent the edge from fraying
- Exceptionally breathable
- Stretchy and fit perfectly
- Colour Detection of the cuffs
- Carton with 30 x 10 pairs

Size	Material	Colour	PK	Cat. No.
VC	mali rashan	elle	200	4.662.515
XS	polyester	yellow	300	4.662 515
S	polyester	white	300	4.659 021
M	polyester	green	300	4.659 020
L	polyester	grey	300	4.659 019
XL	polyester	brown	300	4.659 018
XS	nylon	yellow	300	4.662 516
S	nylon	white	300	4.659 025
M	nylon	green	300	4.659 024
L	nylon	grey	300	4.659 023
ΧI	nylon	hrown	300	4.659 022





Undergloves Half Finger, Nylon

- 100% nylon
- Ambidextrous
- Semi-finger-fitting
- Suitable for operations which require a high tactile sensation on the fingertips
- For any handshape
- High tensile strength
- Universal size suitable for S-L
- Packaging 30 x 10 pairs

Size	PK	Cat. No.
S - L	300	4.659 026



3 Finger Cots, latex

Finger cots, made of latex, rolled, sizes 2-5, powderfree.

Size	PK	Cat. No.
2 (S)		6.205 860
3 (M))	6.086 994
4 (L)	100	6.086 996
5 (XL	L) 100	6.205 722



Finger Cots "High Grip", natural rubber

The finger cots made of antistatic natural rubber, with a thickness of min. 0.09 mm, are ideal for applications where the highest precision and fingertip sensation is required. Due to microtexturing, they are also especially handy.

- Surface resistance: $10^{\mbox{\tiny 10}}$ - $10^{\mbox{\tiny 12}}\Omega$

Size	Length Description	Package contents	PK Cat. I	No.
	mm			
М	65 natural rubber, rolled edge	20 x 1440 pieces	28800 4.675 4	153
L	65 natural rubber, rolled edge	20 x 1440 pieces	28800 4.675 4	154

1524

Gloves and fingercots/Skin protection and care

Cleansing Lotion ECOSAN

Neutral cleansing syndet, also suitable for the food industry.

- transparent skin wash
- colorant-free
- soap- and alkali-free
- skin neutral pH value
- fragrance-free
- HACCP-compliant

Capacity ml	Description	PK	Cat. No.
1000	Neptune Bottle	6	6.291 684



2 Cleansing Foam STEPHALEN® OPTI FOAM

Perfume and fragrance-free cleansing foam with OptiTens®.

Peter Greven

Peter Greven

- Contains rice protein
- Without colorants
- Free from soaps and alkali
- With skin-neutral pH value
- HACCP conform

Capacity ml	Description	PK	Cat. No.
1000	Neptune bottle	1	6.312 145



3 Skin Protection Cream CUREA SOFT

White, quickly absorbed skin care cream. Due to containing the naturally moisture-binding ingredient urea and the skin care substance bisabolol. CUREA SOFT supports the regeneration process of previously damaged skin. CUREA SOFT has a highly efficient and lasting skin care effect.

Peter Greven

- O/W emulsion
- Silicone-free
- pH-neutral

Capacity ml	Description	PK	Cat. No.
100	Tube	1	6.240 906
100	Tube, fragance-free	1	6.312 146
1000	Neptune bottle	1	6.291 688
1000	Neptune bottle, fragance-free	1	6.312 054



NEPTUNE dispenser system TOUCHLESS

Universal dispenser with 5-in-1 technology: reliable dispensing of liquid soaps, foam, spray, alcohol gel and hand cleansers.

Peter Greven

- made of plastic or stainless steel
- completely hygienic system as there is no contact between product and dispenser
- adjustable dispensing frequency (1 3 times)
- sturdy design
- optionally lockable
- drip tray available on request

The dispenser NEPTUNE TOUCHLESS STAINLESS STEEL is available as single unit in a cardboard box, incl. wall-mounting material. For using the touch-free dispenser, 4 batteries (Type C, 1.5V) are needed, which are **NOT** included in the delivery.

Туре	For	PK Cat. No.
dispensing bottles		rk cat. No.
	ml	
Dispenser plastic, white	1000 ml Neptune-bottle	1 6.291 690 4
Dispenser stainless-steel	1000 ml Nentune-hottle	1 6.291 691



6.291 690



6.291 691

AS ONE

AS ONE

AS ONE

AS ONE



Cleanroom Wipers ASPURE, polyester

The polyester long fibers reduce the generation of lint.

- 100 % Polyester

- Laser cutting

- Double packed

- Weight: 120 g/m² ±5 %

- Water absorbency: ≥ 280 ml/m²

- Clean Pack: Cleanroom cleand with ultrapure water

Dimensions	Cleanroom Class	Package contents	PK	Cat. No.
mm				
102 x 102	ISO 5	8 x 600 pieces	4800	4.663 627
152 x 152	ISO 5	24 x 150 pieces	3600	4.663 628
229 x 229	ISO 5	8 x 150 pieces	1200	4.663 629



Cleanroom Wipes ASPURE, polyester

Extremely low particle number and evaporation residues. Laser-cutting techniques minimise the formation of dust and lint on cutting edges. The use of polyester long fibers prevents the generation of lint.

- Knitted made of 100 % polyester
- Lasercut
- Cleaned with ultrapure water
- Double packed

Dimensions	Cleanroom Class	Package contents	PK	Cat. No.
mm				
102 x 102	ISO 5	10 x 600 pieces	6000	4.663 630
152 x 152	ISO 5	20 x 150 pieces	3000	4.663 631
229 x 229	ISO 5	1 x 150 pieces	150	4.659 070



Cleanroom Wipers ASPURE, polyester

Lower particle count, less evaporation residue, and fewer detected ions. The polyester long fibers and heatcut reduce the generation of lint.

- 100 % Polyester
- Heat cutting
- Double packed
- Weight: 130 g/m²
- Thickness: 540 µm
- Water Absorbency: 330 g/m²
- Clean Pack: Cleanroom cleand with ultrapure water

١	Dimensions	Cleanroom Class	Package contents	PK	Cat. No.
	mm				
	102 x 102	ISO 5	10 x 300 pieces	3000	4.663 632
	152 x 152	ISO 5	15 x 150 pieces	2250	4.663 633
	229 x 229	ISO 5	8 x 150 pieces	1200	4.663 634
	229 x 610	ISO 5	8 x 30 pieces	240	4.663 650



4 Cleanroom Wipers ASPURE, polyester

Lower particle count, less evaporation residue, and fewer detected ions. The polyester long fibers and heatcut edges reduce the generation of lint.

- 100 % Polyester
- Heat cutting
- Weight: 168 g/m²
- Thickness: 570 µm
- Water Absorbency: 370 g/m²
- Clean Pack: Cleanroom clean with ultrapure water

Dimensions	Cleanroom Class	Package contents	PK	Cat. No.
mm				
102 x 102	ISO 5	8 x 300 pieces	2400	4.663 635
152 x 152	ISO 5	15 x 150 pieces	2250	4.663 636
229 x 229	ISO 5	8 x 150 pieces	1200	4.663 637

Cleanroom Wipers ASPURE, polyester, sterilized

The wipers are packed in Class ISO 4 clean room environment.

- 2-layers structure of polyester fiber
- 100 % Polyester
- Gammasterilized
- Clean Pack: Cleanroom clean with ultrapure water

Dimensions	Cleanroom Class	Package contents	PK	Cat. No.
mm				
229 x 229	ISO 5	15 x 50 pieces	750	4.663 638



Cleanroom wipes Clino® CR One Way Premium, microfiber

One-way cleanroom wipes for all smooth surfaces in clean rooms, made of polyester continuous filament, knitted, edges cut

Pfennig Reinigungstechnik

- Good folding properties and extremely low particle content
- Very good absorption properties
- Washed and packed in ISO 4 clean room
- Weight: 136 g/m²
- Double packed

Туре	Dimensions	Cleanroom Class	Sterile	PK	Cat. No.
	mm				
Purity 7225 SE	300 x 300	ISO 4 - 8	-	75	4.667 997
Purity 7225 GR	300 x 300	ISO 4 - 8	+	100	4.672 241

Cleanroom wipes Clino® CR Extreme XCPP, Polyester

Cleanroom wipes for all smooth surfaces in clean rooms, made of polyester endless filament, knitted, two-layer structure ultrasonically welded, edges laser-cut and sealed. Pfennig Reinigungstechnik

- Very high absorbency
- Ensure very low particle emission
- Very soft, high abrasion resistance
- Washed and packed in ISO 4 clean room
- Double packed
- Weight 241 g/m²

Dimensions	Cleanroom Class	PK	Cat. No.
mm			
300 x 300	ISO 4 - 8	100	4.667 985

Cleanroom Wipers ASPURE

- PURE-3: 30 % Polyester, 57 % Rayon, 13 % Polyethylen
- AS-3R: 30 % Polyester, 70 % Rayon
- Quattro folded

Туре		Dimensions	ensions Package contents		Cat. No.
		mm			
PURE-3		200 x 250	30 x 100 pieces	3000	4.663 644
AS-3R	*	250 x 250	30 x 100 pieces	3000	4.663 645
AS-3K			30 X 100 pieces	3000	4.663 64



Solvent resistance

Cleanroom Wipes ASPURE, polyester/rayon

Cleanroom wipes made of nonwoven fabric.

- 30 % polyester/70 % rayon

- Quattro folded
- Weight: 30 g/m²
- Thickness: 360 µm
- Water absorbency: 226 g/m²

Dimensions	Cleanroom Class	Package contents	PK	Cat. No.
mm				
250 x 250	ISO 6	30 x 100 wipes	3000	4.659 073



1



Cleanroom Wipes Sontara® MicroPure, polyester/cellulose

Sontara® MicroPure nonwoven styles (woodpulp/polyester) are engineered for cleanroom use and combine absorbency of a natural fibre with the cleanliness and strength of a synthetic fibre in the same fabric. No binders or chemical treatments are used to manufacture them. The high cleanliness and purity are ensured by low extractable level and ion content as well as extremely low particle generation by the material itself. The fabric styles offer high particle and liquid absorbency due to their cellulose content.

Туре	Dimensions	Cleanroom Class	PK	Cat. No.
	mm			
Sontara® MicroPure 100	305 x 305	ISO 5 + 6	150	9.390 185
Sontara® MicroPure 100	224 x 224	ISO 5 + 6	300	9.390 186
Sontara® MicroPure AP	305 x 305	ISO 6 - 9	150	9.390 187
Sontara® MicroPure AP	224 x 224	ISO 6 - 9	300	9.390 188
Sontara® MicroPure SV	305 x 305	ISO 7 - 9	250	9.390 189
Sontara® MicroPure SV	224 x 224	ISO 7 - 9	500	9.390 190



Cleanroom Wipes Bemcot®



Bemcot® is a fibre fleece made of 100% cellulose, made of cotton recycling material, without chemical additives and binding agents.

- Lint free
- Chemical resistant
- High Absorbency
- High wear resistance
- Sterilization possible by steam
- Easy disposal by incineration, without release of toxic gases

Туре	Cleanroom Class	Dimensions	Package contents	PK	Cat. No.
		mm			
Bemcot® M-3II	6 - 8	250 x 250	30 x 100 wipes	3000	6.292 207
Bemcot® M-1	6 - 8	150 x 150	40 x 150 wipes	6000	6.292 208
Bemcot® Super CN	5- 6	240 x 300	20 x 50 wipes	1000	6.292 209
Bemcot® TR-7F	6	250 x 250	20 x 150 wipes	3000	6.292 210
Bemcot® EA-8	8	300 x 250	30 x 100 wipes	3000	6.292 211
Bemcot® AZ-8	6 - 8	300 x 250	30 100 wipes	3000	6.292 212



Cleanroom Wipers ASPURE, cupro

- 100 % Cupro, very fine cellulose fibers
- adhesive-free
- Solvent resistance
- Quattro folded

Dimensions	Package contents	PK	Cat. No.
mm			
210 x 220	20 x 150 pieces	3000	4.663 643



4 Cleanroom Wipes ASPURE, polyester/nylon

Good dust suppression and wiping efficiency due to split fiber.

AS ONE

AS ONE

- Knitted made of 87 % polyester/13 % nylon
- Lasercut
- Double packed
- Weight: 130 g/m²
- Thickness: 360 µm
- Water absorbency: > 195 g/m²
- Clean Pack: Cleanroom clean with ultrapure water

Dimensions mm	Cleanroom Class	PK	Cat. No.
102 x 102	ISO 5	600	4.663 618
152 x 152	ISO 5	150	4.663 619
229 x 229	ISO 5	150	4.659 072

Cleanroom Wipers ASPURE, Polyester/nylon

Split fibers ensure a good wiping ability.

- 75 % Polyester/25 % Nylon
- Laser cutting
- Double packed
- Weight: > 175 g/m²
- Thickness: $> 320 \mu m$
- Water absorbency: $> 320 \text{ g/m}^2$
- Clean Pack: Cleanroom clean with ultrapure water



Dimensions mm	Cleanroom Class	PK	Cat. No.
102 x 102	ISO 5	300	4.663 620
152 x 152	ISO 5	150	4.663 621
229 x 229	ISO 5	150	4.663 622

Cleanroom Wipes ASPURE, polyester/nylon

Split fibers ensure an good wiping ability.

AS ONE

- Knitted made of 80 % polyester/20 % nylon
- Heat cut
- Double packed
- Weight: 210 \pm 10 g/m²
- Thickness: 410 ±30 μm
- Water Absorbency: >412.32 g/m²
- Clean Pack: Cleanroom clean with ultrapure water

Dimensions	Cleanroom	PK	Cat. No.
mm	Class		
152 x 152	ISO 5	100	4.663 626
229 x 229	ISO 5	100	4.659 071



Cleanroom Wipers ASPURE, polyester/nylon

Split fibers ensure a good wiping ability.

AS ONE

AS ONE

- 70 % Polyester/30 % Nylon
- Heat cutting
- Double packed
- Weight: > 210 g/m²
- Thickness: $> 390 \ \mu m$
- Water absorbency: > 300 g/m²
- Clean Pack: Cleanroom clean with ultrapure water

Dimensions	Cleanroom Class	PK	Cat. No.
mm			
102 x 102	ISO 5	100	4.663 623
152 x 152	ISO 5	100	4.663 624
229 x 229	ISO 5	100	4.663 625



Cleanroom dustcloth ASPURE

- Polyester 67%, Nylon 33%
- Heat cutting
- Weight: 210 g/m²

For cleanroom use this dustcloth has to be washed according to required cleanroom class.

Dimensions	Cleanroom Class	Package contents	PK	Cat. No.
mm				
200 x 200	ISO 5	50 x 10 pieces	10	4.663 651



Wipes and swabs/Dry wipes-Swabs

1

Cleanroom wipes Clino® CR One Way Profi, microfiber

One-way cleanroom wipes for all smooth surfaces in clean rooms, made of PE/PA microfiber, woven, edges ultrasonically sealed.

Pfennig Reinigungstechnik

- High absorbency
- For clean rooms up to class ISO 4
- High abrasion resistance
- Weight: 9 g/wipe
- Double packed

Dimensions	Cleanroom Class	PK	Cat. No.
mm			
300 x 300	ISO 4 - 8	150	4.667 999





Cleanroom wipes Clino® CR One Way Premium, microfiber

One-way cleanroom wipes for all smooth surfaces in clean rooms, made of PE microfiber, double-knitted manufacturing method with hot cut edges.

Pfennig Reinigungstechnik

- High residue-free capacity of particulate and organic contaminants such as dust and oily residues
- For very high sensitive surfaces
- For clean rooms up to class ISO 4
- Weight: 19.5 g/wipe
- Double packed

Dimensions	Cleanroom Class	PK	Cat. No.
mm			
300 x 300	ISO 4 - 8	150	4.667 998





4.667 994

Cleanroom wipes Clino® CR Pouch, pre-soaked

One-way cleanroom wipes for all smooth surfaces in clean rooms, made of polyester continuous filament, knitted, edges cut.

Pfennig Reinigungstechnik

- Cleanroom cloth, pre-soaked with 70% IPA and 30% DI-water
- Controlled consumption
- Ready for immediate use
- Low aerosol release compared to spraying process
- Conveniently packed in reclosable bags
- Weight: 37 g/m²
- Double packed

Туре	Dimensions	Cleanroom Class	Sterile	PK Cat. No.
	mm			
VS-Pro Pouch	230 x 280	ISO 5 - 8	+	30 4.667 994
Pouch	230 x 280	ISO 5 - 8	-	30 4.667 995

4 Swabs

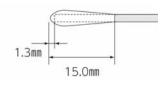
Swabs with paper shafts and cotton head on both ends.

AS ONE

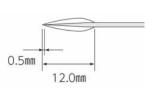
Туре	Length	Head size	Package	PK	Cat. No.
			contents		
	mm	mm			
round	76	3,6 x 15	100 x 25 pieces	2500	4.659 081 5
round	76	2,7 x 12	200 x 25 pieces	5000	4.659 082
round	78	4,7 x 15	50 x 25 pieces	1250	4.659 086
pointed	75	3,0 x 12	200 x 25 pieces	5000	4.659 083 6
pointed	77	2,8 x 14	200 x 25 pieces	5000	4.659 084
pointed	78	4,7 x 13	50 x 25 pieces	1250	4.659 085
round	148	4,7 x 15	10 x 100 pieces	1000	4.663 663
straight, one-sided, aluminium shaft	151	1,25 x 12	1 x 100 pieces	100	4.663 664











4.659 081

4.659 083

15. Cleanroom Wipes and swabs/Swabs

Cleanroom-Swabs

Cleanroom Swabs with polypropylene shaft and rounded head made of almost particle-free polyurethane or polyester.

Packed dustfree in a cleanroom.



Length	Head size	Material Head	Material shaft	Cleanroom Class	Package	PK	Cat. No.
mm	mm						
125	12,7 x 25	PU-foam	PP	ISO 5	double packed	100	4.659 074
125	12,7 x 25	Polyester	PP	ISO 5	double packed	100	4.659 075
162	6,8 x 16,8	PU-foam	PP	ISO 5	double packed	100	4.659 076
162	6,8 x 16,8	Polyester	PP	ISO 5	double packed	100	4.659 077
70	4.0 x 12.0	Polyester	PP	ISO 5	1 x 100 pcs.	100	4.659 078
70	3.5 x 11.0	PU-foam	PP	ISO 5	1 x 100 pcs.	100	4.659 079
70	3,5 x 11,0	Polyester	PP	ISO 5	1 x 100 pcs.	100	4.678 156

Precision-Swabs

Precision-swabs are engineered for use in a variety of environments and applications. They are ideal for use with cleaner degreasers, head cleaners, flux removers and other solvents for fast, precision cleaning.

Wrapped foam swabs

- Durable wrapped foam swabs designed for precise applications.
- Good particle entrapment and work well as solvent applicators
- Small tips allow use in very tight tolerance areas
- Wrapped foam delivers superior abrasion resistance for removal of tough contaminants
- Pointed end works especially well as a pick.

Sealed polyester swabs

- Very clean and durable all-purpose swabs
- Featuring either knit or nonwoven fabric heads, these swabs are acid and solvent resistant
- Sealed edges build in high strength with no loose fibers or particulates
- Ideal for tough scrubbing around raised shapes
- Cleanroom process gives the lowest ionic, non-volatile residue and particle contaminants.

Sealed foam swabs

- Economical general purpose swabs
- Best solvent retention
- Excellent particle entrapment
- The open cell structure gives the best solvent holding ability of any style of swab
- Free of adhesives or binders that could contaminate your process
- Fiberless construction does not generate particles.
- Suitable for ISO Class 4 Cleanrooms and higher

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Ideal-tek

AS ONE

Length	Head size	Head	Material Head	Material shaft	Cleanroom Class	PK	Cat. No.
mm	mm						
150	4,7 x 5,4	rounded	Polyester/Nylon	PP	ISO 4	125	4.655 171
70	3,7 x 3,7	wrapped, pointed	PU-foam	Nylon	ISO 4	125	6.266 882
70	2,4 x 3,0	rounded	Polyester	PP	ISO 4	125	6.266 884
70	1,6 x 3,0	rounded	Polyester	PP	ISO 4	125	6.266 885
70	1,0 x 3,0	rounded	Polyester	PP	ISO 4	125	6.266 886
70	3,3 x 3,5	rounded	PU-foam	PP	ISO 4	125	6.266 887
80	2,7 x 3,3	pointed	PU-foam	PP	ISO 4	125	6.266 888
68	2,5 x 3,0	rounded	PU-foam	PP	ISO 4	125	6.266 889

Cell pen swabs ASPURE

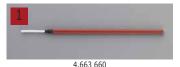
- Head made of ultrafine foam, PE
- Shaft made of PP
- Less dust than cotton swabs
- Replaceable head

Туре	Head size	Length	PK	Cat. No.
	mm	mm		
Pen type, soft type	Ø 5 mm x 16 mm	125	500	4.663 652
Pen type, hard type	Ø 5 mm x 16 mm	125	500	4.663 653
45 degrees soft type	Ø 5 mm x 16 mm	125	500	4.663 654
45 degrees hard type	Ø 5 mm x 16 mm	125	500	4.663 655

Suitable accessories can be found in our online shop.



Wipes and swabs/Swabs-Cleaning rollers



Clean Swabs for cleanroom ASPURE

The low-dust head is welded to the main body. Head material: Polyester/nylon microfiber.

AS ONE

DK Cat No



3		
4	4.663 662	

ricau size	Length	Class	FR	cat. No.
mm	mm			
1.25 x 18.5	146	ISO 5	10	4.663 660 1
1.25 x 15	101	ISO 5	10	4.663 661
1.25 x 19.5	150	ISO 5	10	4.663 662

Sticky Swabs, ESD

Sticky Swabs - ESD safe cleaning stems: Dustfree sticky swabs are specially used and designed for a high degree dust-free environment (class10-100). Anti-static treatment can safely dissipate electrostatic charge. Sticky swabs are applicable for manufacturing and assembling static sensitive products. Property: ESD safe, good absorption, soft and good tenacity, excellent agility, non-volatile, environment-friendly, no thrill odor. Ideal-tek

AS ONE

AS ONE

Material:

Tip: PVAC (Polyvinyl acetate), Ethyl acetate - Isopentyl acetate

Handle: PVC

Description	Cleanroom Class	PK	Cat. No.
1 mm Ø	ISO 1-2	25	6.272 061
2 mm Ø	ISO 1-2	25	6.272 062
3 mm Ø	ISO 1-2	25	6.272 063
Kit, box of 75 swabs mixed (25 x 1mm, 25 x 2 mm, 25 x 3 mm)	ISO 1-2	1	6.272 064



Adhesive Rolls ASPURE, PE

The PE film reduces particles considerably. The role can be mounted hanging to remove dust from the fingertips.

- Thickness: 50 µm/layer

- Adhesive power: 500 ±100 g/25 mm

- Inner diameter: 38 mm

- Handle is optional

Dimensions (D x W) mm	PK	Cat. No.
100 x 18000	10	4.663 667
200 x 18000	10	4.663 668



Adhesive Rolls ASPURE, antistatic, nonwoven fabric

- Film: nonwoven fabric, core: PE

- Anti-static protection

- Surface resistance: $10^{\scriptscriptstyle 11}\Omega$

- Thickness: 150 \pm 10 μ m

- Adhesive power: 500 ±100 g/25 mm

- Inner diameter: 76 ±0.5 mm

- Handle is optional

Dimensions (D x W) mm	PK	Cat. No.
80 x 10000	12	4.663 671
160 x 20000	8	4.663 672
320 x 20000	1	4.663 673



Handles for adhesive rolls ASPURE

Adhesive rolls are an option.

AS	ONE
----	-----

For	Material Stem length		PK	Cat. No.
		mm		
Roll width 80 mm	Grip Iron	350	1	4.663 679
Roll width160 mm	Grip Iron	270	1	4.663 680
Roll width 80 mm	Grip ABS resin	175	1	4.663 681
Roll width 160 mm	Grip PE	275	1	4.663 682
Roll width 160 mm	Grip PE	1015	1	4.663 683
Roll width 320 mm	Grip PP	990	1	4.663 684

Wipes and swabs/Cleaning rollers-Paper and documentation/Paper, notebooks, pencils

1 Handcleaner Rolls ASPURE

The rollers are made of silicone rubber and are adhesive-free.

AS ONE

Dimensions (D x W) mm	Size			Material	PK Cat. No.
180 x 170	Roll 152	Х	Ø 30 mm	Frame made of ABS resin	1 4.663 685
42 x 118	Roll 30	Χ	Ø 20 mm	Frame made of aluminium	1 4.663 686
Ø 5 x 125	Head 15	Χ	Ø 5 mm	Frame made of PE	1 4.663 687





4.663 685

Transfer Sheets Paper for handcleaner rolls ASPURE

Paper type:

- Unwoven fabric film, adhesive paper

- Adhesive strength standard: 1200 g/25 mm
- Adhesive strength split: 800 g/25 mm
- Sheet thickness: 230 μm

Film Type

- PE Film, acrylic adhesive paper - Adhesive strength: 600 g/25 mm
- Sheet thickness: 80 μm



Туре	Dimensions (D x W)		Cat. No.
	mm		
Paper type standard	240 x 330	500	4.663 697
Paper type split	240 x 165	500	4.663 698
Film type	195 x 335	500	4.663 699

4 Cleanroom Papers ASPURE

- Non-dusting
- Recyclable
- 72 g/m²
- Cellulose, water-soluble resin polymer
- Suitable for cleanroom class ISO 5

Size	Colour	Cleanroom Class	PK	Cat. No.
A4	blue	ISO 5	2500	4.663 782



5 Cleanroom papers ASPURE

The cleanroom papers are available in 5 different colours.

AS ONE

AS ONE

- 72 g/m²
- Cellulose, water-soluble resin polymer
- Suitable for cleanroom class ISO 5
- Surface resistance: ${<}10^{{\scriptscriptstyle 11}}\Omega$
- Packed dustfree in cleanroom

Size	Colour	Cleanroom Class	PK	Cat. No.
A4	blue	ISO 5	2500	4.659 102
A4	white	ISO 5	2500	4.659 103
A4	pink	ISO 5	2500	4.663 783
A4	yellow	ISO 5	2500	4.663 784
A4	green	ISO 5	2500	4.663 785
A3	blue	ISO 5	1250	4.659 104
A3	green	ISO 5	1250	4.663 787
B4	blue	ISO 5	1250	4.663 788



AS ONE

Paper and documentation/Paper, notebooks, pencils



Cleanroom Papers ASPURE, economy

The cleanroom papers are available in 5 different colours.

- 68 g/m²

- Cellulose, water-soluble resin polymer
- Anti-static protection
- Surface resistance: ${<}10^{{\scriptscriptstyle 11}}\Omega$
- Packed dust free in cleanroom

Size	Colour	PK	Cat. No.
A4	blue	2500	4.663 789
A4	white	2500	4.663 790
A4	pink	2500	4.663 791
A4	yellow	2500	4.663 792
A4	green	2500	4.663 793
A3	blue	1250	4.663 794
A3	green	1250	4.663 795
A5	blue	5000	4.663 796
B4	blue	1250	4.663 797



Cleanroom Papers ASPURE, sterilized

- Dust-free

- Recyclable
- 72 g/m²
- Cellulose, water-soluble resin polymer
- Suitable for cleanroom class ISO 5
- Gammasterilzed
- Packed dust free in cleanroom

Size	Colour	Cleanroom Class	PK	Cat. No.
A4	blue	ISO 5	2500	4.663 798
A4	white	ISO 5	2500	4.663 799



3 Cleanroom Notebook

Notebook suitable for use in Cleanrooms. 64 pages of white paper, horizontally lined.

AS ONE

AS ONE

- Surface resistance: $<10^{11}\,\Omega$
- 72 g/m²
- Recycable
- Packed dust free in cleanroom

Туре	PK	Cat. No.
Cleanroom notebook	10	4.659 105



4 Cleanroom marker, edding 8011

For permanent marking of special cleanroom and laminated papers in dust-free environments.

Edding

- Smudge-proof and waterproof
- Can be removed from most slides using isopropanol
- Ready to use
- Round tip
- Without any added xylene or toluene

Colour	Line width mm	PK	Cat. No.
black	0.6	10	6.284 876
blue	0.6	10	6.286 142

Adhesive Tape, PVC

PET-coated Adhesive PVC-tape with water-soluble adhesive. Available in different widths and colours.

- Easy to remove without stains
- Thickness: 0.14 mm
- Core: PE
- Packed dust free in a cleanroom

Width	Length	Colour	PK	Cat. No.
mm	m			
12	33	red	10	4.659 106
12	33	blue	10	4.659 107
12	33	yellow	10	4.659 108
12	33	green	10	4.659 109
12	33	white	10	4.659 110
25	33	red	10	4.659 111
25	33	blue	10	4.659 112
25	33	yellow	10	4.659 113
25	33	green	10	4.659 114
25	33	white	10	4.659 115
50	33	red	5	4.659 117
50	33	blue	5	4.659 118
50	33	yellow	5	4.659 119
50	33	green	5	4.659 120
50	33	white	5	4.659 121



ASPURE ESD Line Tape, PVC

PVC-tape with PET coating

- Core: PE

- Surface resistance value : $10^{\mbox{\tiny 5-6}}\Omega$

- Thickness: 0.13 mm
- anti-static protection
- No ESD logo an black/yellow tape
- Packed dust free in a cleanroom

Width	Length	Colour	PK	Cat. No.
mm	m			
50	33	yellow	5	4.663 858
50	33	white	5	4.663 859
50	33	red	5	4.663 860
50	33	blue	5	4.663 861
50	33	green	5	4.663 862
50	33	black/yellow	5	4.663 863



ESD Floor Marking Tape, PVC

- Material: PVC, PET coated

- Core: PE - black/yellow

- Thickness: 0.142 mm

- Packed dust free in a cleanroom

Width mm	Length m	PK	Cat. No.
50	33	5	4.659 122



Pure Seal Tape ASPURE, PTFE

For fiiling gaps in water or air supply piping in cleanrooms

AS ONE

AS ONE

- Operating temperature limit: -100 °C ... 250 °C
- 1 g/m²

Width	Length	Colour	PK	Cat. No.
mm	m			
13	15	white	6	4.663 847



Paper and documentation/Tapes



Antistatic Double-Sided Tape ASPURE, PE

Double-sided polyester tape that maintains antistatic effect.

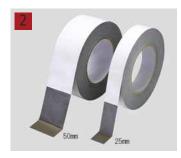
AS ONE

- Core: PE

- Surface resistance value : $10^{9}\Omega$

- Thickness: 0.05 mm

Width	Length	PK	Cat. No.
mm	m		
25	50	1	4.663 869
50	50	1	4.663 870
25	50	10	4.663 871
50	50	5	4.663 872



Conductive Double-Sided Tape ASPURE, PE

Double-sided nonwoven tape that maintains antistatic effect.

AS ONE

- Core: PE

- Surface resistance value : $0.05\Omega/cm^2$

- Thickness: 0.05 mm

Width	Length	PK	Cat. No.
mm	m		
25	50	1	4.663 873
50	50	1	4.663 874
25	50	10	4.663 875
50	50	5	4.663 876



Device Protection Film ASPURE, PE

- Water soluble adhesive

AS ONE - Low-dust resin core with chamfered edges

- Thickness : 50 μm

Width	Length	Colour	PK	Cat. No.
mm	m			
510	100	transparent	5	4.663 848
1020	100	transparent	2	4.663 849
510	100	blue	5	4.663 850
1020	100	blue	2	4.663 851





Cleaning trolleys Clino® CR mini EM-GMP1, stainless steel



Pfennig Reinigungstechnik

Impregnation system for 10 mops, for highly sensitive areas, including disposal. The small, compact CR mini cleaning unit was constructed in such a manner that it can be moved with the mop frame.

- Cleaning method: EasyMop GMP with a system box certified for areas under sterile conditions
- Single-stage wiping process
- Base modul electropolished
- ISO class 3
- GMP class A/B
- Autoclavable

Scope of delivery: Basic module mini made of stainless steel suitable for cleanrooms, autoclavable special castors (100 mm), system box EasyMop GMP, 9-litre stainless steel container MopTen for mop release.

Туре	Dimensions (W x D x H)	PK	Cat. No.
	mm		
Clino® CR mini EM-GMP1	530 x 430 x 430	1	4.667 989

Cleaning trolleys Clino® CR1 FP-GMP/Clino® CR3 FP-GMP with flat wringer Ringo GMP®, stainless steel



Pfennig Reinigungstechnik

For highly sensitive areas, with disposal.

- Cleaning method: Certified flat wringer Ringo GMP for sterile areas
- Changing between single and dual-stage wiping process
- ISO class 3
- GMP class A/B
- Autoclavable

Scope of delivery (Clino® CR1 FP-GMP): Basic module small, made of stainless steel suitable for cleanrooms, autoclavable special castors (100 mm), flat wringer Ringo GMP®, 25-litred stainless steel container, 35-litred stainless steel container, 9-litred stainless steel container.

Scope of delivery (Clino® CR3 FP-GMP): Basic module large, made of stainless steel suitable for cleanrooms, autoclavable special castors (100 mm), flat wringer Ringo GMP®, 2 x 25-litred stainless steel container, 2 x 9-litred stainless steel container.

Туре	Dimensions (W x D x H) mm	PK Cat. No.
Clino® CR1 FP-GMP*	530 x 740 x 700	1 4.667 993
Clino® CR3 FP-GMP	530 x 860 x 1090	1 4.667 992 2

^{*} Base modul electropolished

Cleaning trolleys Clino® CR4 EM-GMP, stainless steel



Pfennig Reinigungstechnik

The modular design system suitable for the cleanroom, for use in highly sensitive areas.

- Cleaning method: EasyMop GMP with system box certified for areas under sterile conditions
- ClinoLink: Cleanroom-suitable connection system für individual attachment of accessory parts
- Single-stage wiping process
- Base module electropolished
- ISO class 3
- GMP class A/B
- Autoclavable

Scope of supply: Basic module medium, made of stainless steel suitable for cleanrooms, autoclavable special castors (100 mm), 2 system boxes EasyMop GMP stainless steel, 2 x 4 l stainless steel containter, 1 x 35 l stainless steel containter, 1 x 9 l stainless steel containter

Туре	Dimensions (W x D x H) mm	PK	Cat. No.
Clino® CR4 EM-GMP	630 x 610 x 1020	1	4.667 988



4.667 992



Cleaning equipment and tools/Cleaning systems, plastic



Cleaning trolleys Clino® CR mini EM-CR1, stainless steel

Impregnation system for 12 mops, for use in non-sterile areas. The small, compact CR mini cleaning unit was constructed in such a manner that it can be moved with the mop frame

Pfennig Reinigungstechnik

- Cleaning method: EasyMop CR with ergonomically optimised system box
- Single-stage wiping process
- Base modul electropolished
- ISO class 7
- GMP class C

Scope of delivery: Basic module mini made of stainless steel suitable for cleanrooms, electrically conductive special castors (100 mm), 2 blue system boxes EasyMop, grey tray for system box EasyMop.

Туре	Dimensions (W x D x H)	PK	Cat. No.
	mm		
Clino® CR mini EM-CR1	520 x 430 x 450	1	4.667 990



Cleaning trolleys Clino® CR4 EM-CR, stainless steel



Pfennig Reinigungstechnik

The cleanroom-suitable modular design system for highly sensitive areas that do not require sterility.

- Cleaning method: EasyMop CR with ergonomically optimised system box
- Cloth impregnation for surface cleaning in PlusBox
- ClinoLink: Cleanroom-suitable connection system für individual attachment of accessory parts
- Single-stage wiping process
- Base module and castors electrically conductive
- ISO class 7
- GMP class C
- Autoclavable

Scope of supply: Basic module medium, made of stainless steel suitable for cleanrooms, electrically conductive special castors (100 mm), 2 blue system boxes EasyMop CR, 2 PlusBoxes, 1 grey tray for system boxes, 1 x 35 l und 1 x 5 l plastic container

Туре	Dimensions (W x D x H) mm	PK	Cat. No.
Clino® CR4 EM-CR	630 x 610 x 1020	1	4.667 987



Cleaning trolleys Clino[®] CR6 FP with flat wringer, stainless steel



Pfennig Reinigungstechnik

3-bucket system with four buckets for surface cleaning and supply articles.

- Cleaning method: flat wringer Clino stainless steel
- Changing between single and dual-stage wiping process
- Basic module and castors electrically conductive
- ISO class 7
- Autoclavable

Scope of supply: Basic module large made of stainless steel suitable for cleanrooms, autoclavable special castors (100 mm), flat wringer Clino stainless steel, $3 \times 15 \text{ l}$ plastic bucket (blue) with stainless steel handle, $4 \times 6 \text{ l}$ plastic bucket (blue) with stainless steel handle

Туре	Dimensions (W x D x H)	PK	Cat. No.
	mm		
Clino® CR6 FP	540 x 800 x 1020	1	4.667 991

Cleaning equipment and tools/Mop holders and covers

Mop covers King CR, single-use

Suitable for all standard cleanroom and pharmaceutical floors and for the single-stage wiping process.

Pfennig Reinigungstechnik

- 100 % polyester
- ISO class 3
- GMP class C
- Autoclavable
- Suitable for cytosstatica areas
- Very high-quality, cleanroom-suitable processing
- Pre-washed, single double packaged

Dimensions (D x W)	Weight	Sterile	auto- clavable	PK	Cat. No.
mm	g				
400 x 120*	50	+	-	1	4.668 013
400 x 120	50	-	+	1	4.668 014

^{*} gamma-sterilised



For all standard cleanroom and pharmaceutical floors.

Pfennig Reinigungstechnik

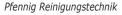
- 100 % PES microfiber with special structure for optimum particle absorption
- ISO class 5
- GMP class A/B
- Very high-quality processing suitable for clean rooms
- Particularly smooth-running and effective due to soft bristles
- Pre-washed and single double packaged

Туре	Dimensions (D x W)	Weight	Sterile	Pk	Cat. I	No.
	mm	g				
Clino One Way Ultra PW-I*	400 x 120	55	+	Ţ	4.668 0	11
Clino One Way Ultra PW	400 x 120	55	-	Ţ	4.668 0	112

^{*} gamma-sterilised

Mop covers MicroSicuro, PES

The germ reduction of bacteria, yeast fungus and mould of over 99 % will be reached by using water. Suitable for grey areas, all smooth and structured hard floors, safety tiles, dry cleaning and single-stage wiping.



- 100 % PES High-tech microfibre, with soft bristle
- Washable up to 95 °C
- Suitable for low temperature dryer
- ISO class 9

Dimensions (D x W)	Weight	PK	Cat. No.
mm	g		
400 x 120	130	1	4.668 007

4 Mop covers MicroSicurofor CR/A, PES, multiple-use



Eliminates 99.9 % of all particles in single-step technique. For all standard cleanroom and pharmaceutical and perforated floors and safety tiles.

- 100 % PES-microfiber with special soft bristle
- Washable up to 95 °C
- Suitable for high dryer temperatures
- ISO class 5
- GMP class A/B
- Autoclavable up to 50 preparation cycles
- Desinfectant proof
- Resistant to gamma rays

Dimensions (D x W)	Weight	PK	Cat. No.
mm	g		
400 x 120	110	1	4.668 008





Cleaning equipment and tools/Mop holders and covers

1 For

Mop covers MicroMopp standard CR/A, PES, multiple-use



Pfennig Reinigungstechnik

Pfennig Reinigungstechnik

For all standard cleanroom and pharmaceutical floors and for single-stage wiping process.

- 100 % PES microfibre (polyester microloops) with polypropylene bristle
- Washable up to 95 °C
- Suitable for medium dryer temperatures
- ISO class 7
- GMP class C
- Autoclavable
- Not suitable for chlorinated disinfectants

Dimensions (D x W)	Weight	PK	Cat. No.
mm	g		
400 x 120	110	1	4.668 009



Mop covers King CR, multiple-use

Pfennig Reinigungstechnik

Eliminates 99.9 % of all particles in single-step technique. For all standard cleanroom and pharmaceutical floors.

- 100 % PES microfiber yarn in high-tech-finish suitable for cleanrooms
- Hollow-knitted bagging with sealed edges
- Washable up to 95 °C
- Suitable for high dryer temperatures
- ISO class 5
- GMP class A/B
- Autoclavable up to 50 processing cycles
- Disinfectant proof
- Resistant to gamma rays
- Optimised for the flat wringer Ringo GMP
- Minimal amount of particle emission

(D x W)		
mm g		
400 x 120 140	1	4.668 010



Mop frames, stainless steel, invers

- In particular for single-use mop
- Stainless steel plate on the bottom
- With Clino Connect Lock
- Not suitable for flat wringer
- Autoclavable
- Suitable for all PPS mop handles

Width	PK	Cat. No.
mm		
400	1	4.668 006

Mop frame Clino® Synchro CR and Clino® Synchro Hybrid



Pfennig Reinigungstechnik

The mop frames made of autoclavable technical high-performance plastics(Clino® Synchro CR) or in combination with stainless steel (Clino® Synchro Hybrid), especially for clean rooms, are easy to clean. They are suitable for detachment with MopDrop CR and impregnation with EasyMop®.

- Clino® Synchro Hybrid with metal wings made of V4A stainless steel
- With locking system Clino Connect Lock
- Can be opened by hand and foot
- Symmetrical opening for easier mop pick up
- 100 % contact surface
- Autoclavable
- Suitable for all PPS mop handles

Туре	Dimensions (D x W)	Weight	PK	Cat. No.
	mm	g		
Clino® Synchro CR	400 x 100	372	1	4.668 001
Clino® Synchro Hybrid	400 x 100	475	1	4.668 005

Mop frames with handle, stainless steel, invers



Pfennig Reinigungstechnik

One-piece mop frames for clean rooms. Handle and handle pick-up made of one piece. They are suitable impregnation with EasyMop® and flat wringer Ringo®.

- Smooth processing
- GMP-conform
- Autoclavable



Length	Width	PK
mm	mm	
1600	400	1

Mop system IsoClean



IsoClean mini Mop system for cleanroom-compatible cleaning of safety cabinets and isolators.

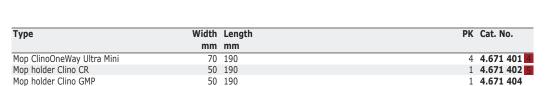
- Heat-stable special quality plastic
- Autoclavable
- With ClinoConnect Lock
- Suitable for all PPS mop handles

Mop Clino One Way Ultra Mini PW-I

- single-use
- pre-washed
- gamma irradiated incl. certification
- GMP class A/B
- ISO class 5
- 4 pieces double packed



4.671 402





Pfennig Reinigungstechnik

Cleaning equipment and tools/Mop holders-Facility/Mats and floor coverings

Telescopical handles



- Suitable for all PPS mop handles
- Autoclavable

Description	Material	Length	PK Cat. No.
		mm	
With tilting lever, with sleeve and quick-release fastener	* Aluminium	1000 1800	1 4.668 000 1
With tilting lever	Stainless steel	1000 1800	1 4.668 003

^{*} for ClinoConnect and ClinoConnect Lock





2 3 Adhesive Mats Sticky Mat

The Sticky Mat provides a fast, convenient, reliable way to clean shoe soles or other items before entering a clean and sanitary area. Sticky Mats significantly reduce traffic-borne contaminants.

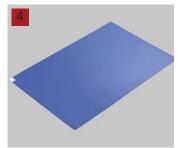
Ergomat A/S

Each Sticky Mat consists of a stack of tear-off adhesive polyethylene sheets, effectively capturing dirt and dust from foot-traffic and equipment wheels before they enter controlled environments. A clear release sheet protects the top sheet of the sticky mat until it is ready to use. The corner tabs are consecutively numbered to show the number of remaining sheets, thereby helping you to keep track of the number of sheets remaining and preventing multiple sheets being removed at once.



Ergomat White Sticky Mats are produced in an 46×114 cm sheet, sold in pads of 30 sheets, with 10 pads per box (300 sheets total.)

Description	Colour	PK	Cat. No.
Frame for Cleanroom mats Sticky Mat	grey	1	6.272 245
1 mat of 30 sheets	white	10	6.272 241
1 mat of 30 sheets	blue	10	6.272 242
Set of 10 mats of 30 sheets + 1 frame	white	1	6.272 243
Set of 10 mats of 30 sheets + 1 frame	blue	1	6.272 244



4 5 Sticky Mats ASPURE, LDPE

Removes dust and dirt from shoe soles in different adhesive levels with a thickness of 45 μm per layer.

AS ONE

- With count-up tag
- Water-soluble adhesive
- 1 carton with 10 mats, 30 layers



Туре	Colour	Dimensions (D x W)	Thickness	PK	Cat. No.
		mm	μm		
Strong adhesive	blue	450 x 900	45	10	4.663 708
Strong adhesive	blue	600 x 900	45	10	4.663 709
Strong adhesive	blue	600 x 1200	45	10	4.663 710
Strong adhesive	white	450 x 900	45	10	4.663 711
Strong adhesive	white	600 x 900	45	10	4.663 712
Strong adhesive	white	600 x 1200	45	10	4.663 713
Medium adhesive	green	600 x 900	45	10	4.663 714
Medium adhesive	blue	450 x 900	40	10	4.663 715
Medium adhesive	blue	600 x 900	40	10	4.663 716
Medium adhesive	blue	600 x 1200	40	10	4.663 717
Medium adhesive	white	450 x 900	40	10	4.663 718
Medium adhesive	white	600 x 900	40	10	4.663 719
Medium adhesive	white	600 x 1200	40	10	4.663 720

Facility/Mats and floor coverings

Adhesive Mats ASPURE, MDPE

Removes dust and dirt from shoe soles in different adhesive levels with a thickness of $35~\mu m$ per layer.

AS ONE

If the top adhesive mat is soiled, you can simply remove this layer and work directly on the next one of the stack. The number of remaining mats on the stack is indicated by the number in the corner.

1 carton with 10 mats, 30 layers or 1 carton with 6 mats, 60 layers

Туре	Colour	Dimensions (D x W)	Thickness	PK	Cat. No.
		mm	μm		
Strong adhesive, 30 layers	blue	450 × 900	35	10	4.663 721
Strong adhesive, 30 layers	blue	600×900	35	10	4.663 722
Strong adhesive, 30 layers	blue	600×1200	35	10	4.663 723
Medium adhesive, 30 layers	blue	380 x 700	35	10	4.663 724
Medium adhesive, 30 layers	blue	450×900	35	10	4.659 087
Medium adhesive, 30 layers	blue	600×900	35	10	4.659 088
Medium adhesive, 30 layers	blue	600×1200	35	10	4.659 089
Medium adhesive, 30 layers	white	450 × 900	35	10	4.659 092
Medium adhesive, 30 layers	white	600×900	35	10	4.659 090
Medium adhesive, 30 layers	white	600×1200	35	10	4.659 091
Weak adhesive, 60 layers	blue	450×900	35	6	4.663 725
Weak adhesive, 60 layers	blue	600×900	35	6	4.663 726
Weak adhesive, 60 layers	blue	600 × 1200	35	6	4.663 727



Sticky Mats ASPURE, LDPE

Removes dust and dirt from shoe soles.

- Anti-static protection on each layer
- Surface resistance: 10^{8} $10^{\text{9}}\Omega$
- With count-up tag with a tickness of 45 μm per layer
- Water-soluble adhesive
- 1 carton with 10 mats, 30 layers

	2
AS ONE	
Cat. No.	•

Colour	Dimensions (D x W)	Thickness	PK	Cat. No.
	mm	μm		
blue	450 x 900	45	10	4.663 728
blue	600 x 900	45	10	4.663 729
blue	600 x 1200	45	10	4.663 730

3 Adhesive Mats ASPURE, MDPE

If the top adhesive mat is soiled, you can simply remove this layer and work directly on the next one of the stack. The number of remaining mats on the stack is indicated by the number in the corner. 30 layers.

- Medium or weak adhesive
- Antistatic
- Surface resistance: 10^9 $10^{11}\Omega$
- With serial layer number (count-down), with a tickness of 35 μm per layer
- Water soluble adhesive
- 1 carton with 10 mats, 30 layers or 1 carton with 6 mats, 60 layers

Туре	Colour	Dimensions (D x W)	Thickness	PK	Cat. No.
		mm	μm		
Medium adhesive, 30 layers	white	450 x 900	35	10	4.659 093
Medium adhesive, 30 layers	white	600 x 900	35	10	4.659 094
Medium adhesive, 30 layers	white	600 x 1200	35	10	4.659 095
Medium adhesive, 30 layers	blue	450 x 900	35	10	4.659 096
Medium adhesive, 30 layers	blue	600 x 900	35	10	4.659 097
Medium adhesive, 30 layers	blue	600 x 1200	35	10	4.659 098
Weak adhesive, 60 layers	blue	450 x 900	35	6	4.663 731
Weak adhesive, 60 layers	blue	600 x 900	35	6	4.663 732
Weak adhesive, 60 layers	blue	600 x 1200	35	6	4.663 733



4 Sticky Mats ASPURE, MDPE, antibacterial

Removes dust and dirt from shoe soles.

AS ONE

- Medium adhesive
- With count-up tag
- Water-soluble adhesive
- 1 carton with 6 mats, 30 layers

Colour	Dimensions (D x W)	Thickness	PK	Cat. No.
	mm	μm		
green	450 x 900	35	6	4.663 736
green	600 x 900	35	6	4.663 737
green	600 x 1200	35	6	4.663 738



Facility/Mats and floor coverings



Undermat for Sticky Mats ASPURE

Frame for sticky mats in different sizes.

AS ONE

3M Deutschland

AS ONE



Material	Dimensions (D x W)	For	PK	Cat. No.
	mm			
Plastic	550 x 1000	450 x 900	1	4.663 742
Plastic	700 x 1000	600 x 900	1	4.663 743
Plastic	700 x 1300	600 x 1200	1	4.663 744
Rubber	575 x 1025	450 x 900	1	4.659 099
Rubber	725 x 1025	600 x 900	1	4.659 100
Rubber	725 x 1325	600 x 1200	1	4.659 101



Adhesive mat Nomad™ 4300

Ideal for areas with increased demand for air purity . The adhesive layer on the Nomad $^{\text{TM}}$ mat collects when crossing all dust particles from the boots and binds them so that

they cannot be spread . It does not have to be cleaned , if necessary the used adhesive layer is removed and a new layer is available.

The silicone-free and residue-free mat can easily be fixed on the floor.

- Consists of multiple , adhesive coated , clear polyethylene layers , which are attached on a vinyl backing
- For use in the entrance to sterile rooms (Cleanroom conditions), or requirements of highest hygiene
- 40 layers, numbered
- Removable disposable mat
- Easy to install
- Can be walked and driven on without any problems
- Very good removal and retention of dirt particles

Туре	Colour	Dimensions	PK	Cat. No.
		mm		
ADHWS45	white	450 x 1150	6	7.634 641
ADHWS60	white	600 x 1150	6	6.267 066
ADHBU60	blue	600 x 1150	6	6.267 065
ADHWS90	white	900 x 1150	6	6.267 903



3 4 Sticky Mats ASPURE, PU, wipeable

Removes dust and dirt from shoe soles.

Adhesiveness can be restored by wiping with water

- Antibacterial
- Whipeable



Dimensions (D x W)	Thickness	PK	Cat. No.
mm	mm		
450 x 900	3	1	4.663 739
600 x 900	6	1	4.663 740
900 x 1200	6	1	4.663 741

Facility/Mats and floor coverings-Trolleys, dispensers

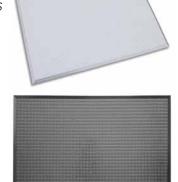


Mat Infinity Smooth/Infinity Smooth ESD/Infinity Smooth Deluxe

Polyurethane anti-fatigue mat. Due to its closed surface the Infinity Smooth Mat is very easy to clean and has a very good chemical and UV resistance (except for organic solvents).

Ergomat A/S

- Solid workstation mat with filled nubs
- Dimensions 600 x 900 mm
- Shaped bevelled edges
- Silicone und Latex-free
- Anti-static properties
- Suitable for use in clean rooms of class ISO ${\bf 5}$
- 6 years warranty



Colour	Height	PK	Cat. No.
	mm		
black	11	1	9.106 360
white	11	1	9.106 361
silver	11	1	9.106 362
blue	11	1	9.106 363
black	11	1	9.106 364
white	11	1	9.106 366
silver	11	1	9.106 367
blue	11	1	9.106 365
black	15	1	9.106 368
stainless	15	1	9.106 369
silver	15	1	9.106 370
blue	15	1	9.106 371
	black white silver blue black white silver blue black stainless silver	black	black 11 1 white 11 1 silver 11 1 blue 11 1 black 11 1 white 11 1 silver 11 1 blue 11 1 black 15 1 stainless 15 1 silver 15 1 silver 15 1



Transport Trolley, stainless steel

Transport trolley made of stainless steel. Rugged construction made from two tubular steel bar push handles, \emptyset 25 mm with welded deep drawn shelves with elevated perimeter flange inbetween. Shelves are bevelled by 35 mm all over, with flat safety return to the inside. Chassis with 4 swivel castors, 2 of them with brake, \emptyset 125 mm, antistatic. Massive plastic bumper protect against damage.

Specifications

 Max. load per shelf:
 40 kg

 Shelf dimensions:
 800 x 500 mm

 External dimensions (W x D x H):
 895 x 595 x 950 mm

Description	Load capacity	PK	Cat. No.
	kg		
2 shelves, stainless steel case, 4 wheels	80	1	6.291 558
3 shelves, stainless steel case, 4 wheels	120	1	6.290 737



KEK

15. Cleanroom

Facility/Trolleys, dispensers

Cleanroom Transport Trolley

- Material stainless steel (1.4301/AISI 304)
- Functional surfaces in KEK-Finish
- Shelves with a smooth surface or shelves with punched holes (ø 10 mm in 15 x 15 mm grid) to support the laminar flow of air
- Firmly welded
- Stabilized by reinforcement depending on design and dimensions
- Square profiles closed at the top with plastic caps
- 4 castors electrically conductive, 2 of them lockable

Description	Width	Depth	Height	PK Cat. No.
	mm	mm	mm	
with smooth shelve	800	600	1000	1 4.661 688
with smooth shelve	1000	600	1000	1 4.661 689
with smooth shelve	1200	600	1000	1 4.661 690
with perforated shelve	800	600	1000	1 4.661 691
with 2 smooth shelves	800	600	1000	1 4.661 692
with 2 smooth shelves	800	600	1000	1 4.661 693
with 3 smooth shelves	800	600	1000	1 4.661 694
with 3 smooth shelves	800	600	1000	1 4.661 695







4.661 691

4.661 694

4.661 695

Dispenser box

- Material stainless steel (1.4301/AISI 304)
- Functional surfaces in KEK-Finish
- To dispense ofdisposable items (hoods, gloves, etc.)
- 1 4 boxes
- Hinged lid with bow handle for filling
- Viewing slots on the front to monitor the filling level
- Embossed removal opening
- Removable drip tray arranged under the removal opening
- 2 mounting holes on the back for wall mounting

Туре	Description	Width	Depth	Height	PK Cat. No.
		mm	mm	mm	
SPB-1-HIG	1 box	200	200	600	1 4.661 672
SPB-2-HIG	2 boxes	400	200	600	1 4.661 673
SPB-3-HIG	3 boxes	600	200	600	1 4.661 674
SPB-4-HIG	4 boxes	800	200	600	1 4.661 675



4.661 675

1546

KEK

Laboratory Chair Labsit







Labsit is the new chair for all kinds of laboratories. Its intelligent Flex function offers comfort and laboratory ergonomics with minimal adjustments required. Labsit has all the properties required for laboratory work and, at the same time, it is light and universally applicable. Labsit is therefore a laboratory specialist and all-rounder all in one.

- Minimal joints: Hygienic design for easy cleaning and disinfection.
- Resistant to disinfectants and chemicals: Resistant to all of the usual disinfectants and chemicals.
- Seat upholstery made of artificial leather (soft and comfortable, washable and antibacterial) or soft-touch PU foam (extremly robust, washable and antibacterial) in black.
- Suitable for cleanrooms: Certified for the use in cleanrooms category 3 in accordance with ISO 14644-1.
- Adheres to biosafety level BSL1, BSL2 and BSL3 of the Directive for Biological Agents, GMP-conform.
- The backrest made of plastic with its 3D-Flex function automatically adapts to the movements of the user and therefore follows the upper body when leaning back or turning sidewards.
- The Flex function on the front edge of the seat supports the forward-angled working which is typical for laboratory work.
- Its low weight and integrated handle provide maximum mobility and easy handling in the laboratory.
- Seat height adjustment by gas spring.
- Solid polished aluminium star base, flat design.
- The chrome-plated foot ring for the high chairs provides support through the wide tread area and can be easily and quickly adjusted in height.
- With certificate "Tested Safety" (GS mark).
- 10 years warranty, Made in Germany.

Accessories: Armrests (pair). Lab-Clip: The intelligent Lab-Clip enables Labsit to be easily, individually and quickly labelled, this creates order. Can be added or removed any time.

Туре	Material	Description	Seat height adjustment	Colour	PK Cat. No.
			mm		
Lab Chair	Artificial Leather	Castors	450-650	Blue	1 6.287 729
Lab Chair	Artificial Leather	Castors	450-650	Anthracite	1 6.287 730
Lab Chair	Artificial Leather	Castors	450-650	Orange	1 6.287 731
Lab Chair	PU Foam	Castors	450-650	Blue	1 6.287 732
Lab Chair	PU Foam	Castors	450-650	Anthracite	1 6.287 733
Lab Chair	PU Foam	Castors	450-650	Orange	1 6.287 734
Lab Chair	Artificial Leather	Glides, Foot Ring	520-770	Blue	1 6.287 735
Lab Chair	Artificial Leather	Glides, Foot Ring	520-770	Anthracite	1 6.287 736
Lab Chair	Artificial Leather	Glides, Foot Ring	520-770	Orange	1 6.287 737 2
Lab Chair	PU Foam	Glides, Foot Ring	520-770	Blue	1 6.287 738
Lab Chair	PU Foam	Glides, Foot Ring	520-770	Anthracite	1 6.287 739
Lab Chair	PU Foam	Glides, Foot Ring	520-770	Orange	1 6.287 740
Lab Chair	Artificial Leather	Stop and Go Gastors, Foot Ring	560-810	Blue	1 6.287 741
Lab Chair	Artificial Leather	Stop and Go Gastors, Foot Ring	560-810	Anthracite	1 6.287 742
Lab Chair	Artificial Leather	Stop and Go Gastors, Foot Ring	560-810	Orange	1 6.287 743
Lab Chair	Artificial Leather	Stop and Go Gastors, Foot Ring	560-810	Anthracite	1 6.310 404
Lab Chair	PU Foam	Stop and Go Gastors, Foot Ring	560-810	Blue	1 6.287 744
Lab Chair	PU Foam	Stop and Go Gastors, Foot Ring	560-810	Anthracite	1 6.287 745 3
Lab Chair	PU Foam	Stop and Go Gastors, Foot Ring	560-810	Orange	1 6.287 746
Armrests					1 6.287 748
Clip		writable			1 6.287 749 4









6.287 749

6.287 729 6.287 737 6.287 745

15. Cleanroom Facility/Wardrobes



Hanger racks, stainless steel

With casters made of nylon urethane, with stopper, Ø 50 mm.

AS ONE

Dimensions (W x D x H) mm	PK	Cat. No.
1200 x 400 x 2000	1	4.663 777
1500 x 400 x 2000	1	4.663 778
1800 x 400 x 2000	1	4.663 779



2 3 Hangers, stainless steel

- Hangers with name tags

AS ONE

- Hooks for hanging masks and gloves



Туре	Dimensions (D x W) mm	PK	Cat. No.
Hangers	420 x 178.5	10	4.663 780
Hooks	-	6	4.663 781



4 Cleanroom Wall-Mounted Wardrobe

Wardrobe consisting of a base frame and coat hangers.

KEK

- Material stainless steel (1.4301/AISI 304)
- Firmly welded hangers
- Base frame made of square tube
- Square profiles with plastic caps (black) closed
- Prepared for on-site wall mounting
- 4 with plastic caps (black) closed mounting holes
- Without fastening material
- Variants with 7, 8, 9, 10, 11 coat hangers

Width	Depth	Height	Description	PK	Cat. No.
mm	mm	mm			
800	500	305	7 coat hangers	1	4.661 723
900	500	305	8 coat hangers	1	4.661 724
1000	500	305	9 coat hangers	1	4.661 725
1100	500	305	10 coat hangers	1	4.661 726
1200	500	305	11 coat hangers	1	4.661 727



5 Cleanroom Wardrobe

Wardrobe consisting of a base frame and coat hangers.

KEK

- Material stainless steel (1.4301/AISI 304)
- Firmly welded hangers
- Base frame made of square tube
- Crossbar for stabilization
- Square profiles with plastic caps (black) closed at the top $% \left(1\right) =\left(1\right) \left(1\right$
- Floor leveling with disc feet made of CNS (±10 mm)
- Variants with 9, 12, 15 coat hangers

Width	Depth	Height	Description	PK	Cat. No.
mm	mm	mm			
1000	500	2000	9 coat hangers	1	4.661 720
1300	500	2000	12 coat hangers	1	4.661 721
1600	500	2000	15 coat hangers	1	4.661 722

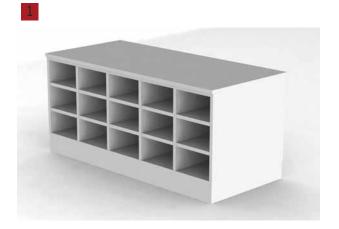
1 2 Sit-Over Benches, melamine

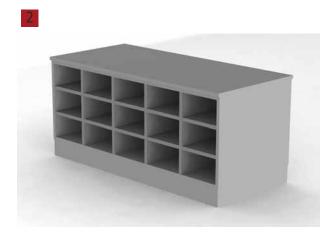
Sit-Over-Bench consisting of seating area, compartments for shoes and plinth.

KEK

- Material: melamine coated chipboard (V20)
- Color: white and grey
- Surface: matt
- Single sided version or double sided version
- three rows

Width	Depth	Height	Description	Colour	PK	Cat. No.
mm	mm	mm				
820	450	600	Single sided version, 9 compartments	white	1	4.661 737
820	450	600	Single sided version, 9 compartments	grey	1	4.661 738
1090	450	600	Single sided version, 12 compartments	white	1	4.661 739
1090	450	600	Single sided version, 12 compartments	grey	1	4.661 740
1360	450	600	Single sided version, 15 compartments	white	1	4.661 741
1360	450	600	Single sided version, 15 compartments	grey	1	4.661 742
820	600	600	Double sided version, 9 compartments per side	white	1	4.661 743
820	600	600	Double sided version, 9 compartments per side	grey	1	4.661 744
1090	600	600	Double sided version, 12 compartments per side	white	1	4.661 745
1090	600	600	Double sided version, 12 compartments per side	grey	1	4.661 746
1360	600	600	Double sided version, 15 compartments per side	white	1	4.661 747
1360	600	600	Double sided version, 15 compartments per side	grey	1	4.661 748





3 4 Sit-Over Benches, stainless steel

Sit-Over-Bench consisting of seating area, compartments for shoes and plinth.

KEK

- Material: AISI 304
- Working surfaces: KEK-Finish
- Single sided version with rear panel or double sided version
- Shoe boxes in three rows

Width	Depth	Height	Description	PK	Cat. No.
mm	mm	mm			
820	450	600	Single sided version, 9 compartments	1	4.661 728
1090	450	600	Single sided version, 12 compartments	1	4.661 729
1360	450	600	Single sided version, 15 compartments	1	4.661 730
820	600	600	Double sided version, 9 compartments per side	1	4.661 731
1090	600	600	Double sided version, 12 compartments per side	1	4.661 732
1360	600	600	Double sided version, 15 compartments per side	1	4.661 733

Further models can be found in our online shop.





AS ONE

AS ONE

ESD products/ESD-gloves and fingercots-ESD-mats and pads

Conductive Gloves ASPURE LINE, Anti-static, white, Nylon

- Material: Nylon

- Colour coding of the cuffs

- Surface resistance value : $10^{\rm 6}$ - $10^{\rm 8}\Omega$

- Bag with 10 pairs

Size	Colour	PK	Cat. No.
S	white	10	4.662 696
M	green	10	4.662 695
L	grey	10	4.662 694
XL	yellow	10	4.662 693



Conductive Finger cots ASPURE, anti-static, latex

- Material: latex

- Cut egde or Roll type
- Powder-free
- Fingertip embossed processing
- Thickness: approx.0.10 mm
- Surface resistance: 10^6 $10^8\Omega$



Size	Length	Description	Package contents	PK	Cat. No.
	mm				
S	61	Roll type	carton with 10 x 1440 pieces	14400	4.662 758
M	61	Roll type	carton with 10 x 1440 pieces	14400	4.662 759
L	61	Roll type	carton with 10 x 1440 pieces	14400	4.662 760
S	61	Roll type	1 pack with 1440 pieces	1440	4.662 761
M	61	Roll type	1 pack with 1440 pieces	1440	4.662 762
L	61	Roll type	1 pack with 1440 pieces	1440	4.662 763



ESD sheets ASPURE

For installation to work tables, protection shelves and mats that require anti-static measures. Electrostatic charges as high as 20000 volts can be reduce to safe level in a matter of seconds.

AS ONE

- Front: Nitril rubber, static electricity diffusion
- Back: Nitril rubber, conductive
- Resistant to oils, greases, and generic solvents
- Surface resistance front: $10^{\mbox{\tiny 8-9}}~\Omega$
- Surface resistance back: $10^{\mbox{\tiny 4-5}}\,\Omega$

Colour	Dimensions (D x W)	Thickness	PK	Cat. No.
	mm	mm		
green	600 x 10000	2	1	4.663 745
gray	600 x 10000	2	1	4.663 746
green	900 x 10000	2	1	4.663 747
gray	900 x 10000	2	1	4.663 748
green	1200 x 10000	2	1	4.663 749
gray	1200 x 10000	2	1	4.663 750
green	1000 x 10000	2	1	4.663 751
gray	1000 x 10000	2	1	4.663 752
ivory	1000 x 10000	2	1	4.663 753
glossy green	1000 x 10000	2	1	4.663 754
glossy light green	1000 x 10000	2	1	4.663 756

Further products can be found in our online shop.